



## **REACH Certificate of Compliance 235 SVHC** **Updated June 14, 2023**

For the following equipment:

Product Name:

Power Supplies, adaptors, transformers, all Part #'s including '(R)' or marked 'RoHS'.

1. Solid State, Inc., 46 Farrand Street, Bloomfield, NJ 07003

Solid State, Inc. fully supports and hereby certifies complete conformance to the requirements of REACH's 235 SVHC (Substances of Very High Concern in accordance with Article 59(10) of the REACH Regulation), the European Community Regulation standard about chemicals and their safe use (EC 1907/2006).

With regard to the requirement of Article 67 of Reach : A substance on its own, in preparation or in an article, for which Annex XVII, contains a restriction shall not be manufactured, placed on the market or used unless it complies with the conditions of that restriction. We declare that none of the substances in the Conditions of restriction is present in Solid State, Inc.'s products (or packaging)

As REACH regulation is updated frequently, for the major changes afterwards, such as the addition of SVHC substances into Annex XIV, the addition of restricted substances in Annex XVII, Solid State, Inc. Inc will evaluate the further revise in time and update this declaration to reflect those changes

Annex XIV : <https://echa.europa.eu/candidate-list-table>

Annex XVII : <https://echa.europa.eu/substances-restricted-under-reach>

Solid State, Inc. is committed to providing safe products consistent with the improvement and protection of human health and the environment through the better and earlier identification of the intrinsic properties of chemical substances.

Solid State, Inc. is conforming and will continue to conform to the requirements of REACH as new amendments are released. Specifically, the below listed chemical substances are not present in our products for quantities totaling over one ton per producer a year, and are not present above a concentration of 0.1% by weight.

Operations Manager: Dennis DeCicco

Date: June 14, 2023

Signature:

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
diphenyl(2,4,6-trimethyl benzoyl)phosphine oxide		278-355-8	75980-60-8	Toxic for reproduction (Article 57c)	14-Jun-2023	<a href="https://echa.europa.eu/documents/10162/a9f6af4d-579d-12ab-1e99-dc94b2be02b5">https://echa.europa.eu/documents/10162/a9f6af4d-579d-12ab-1e99-dc94b2be02b5</a>	<a href="https://echa.europa.eu/documents/10162/bba7bd61-c532-61e7-f84a-46be8495747b">https://echa.europa.eu/documents/10162/bba7bd61-c532-61e7-f84a-46be8495747b</a>	<a href="https://echa.europa.eu/documents/10162/2c882400-790a-8df7-5da1-5434e2ddaa2b">https://echa.europa.eu/documents/10162/2c882400-790a-8df7-5da1-5434e2ddaa2b</a>	<a href="https://echa.europa.eu/documents/10162/95a153af-c61f-9216-eee2-76123989bc6e">https://echa.europa.eu/documents/10162/95a153af-c61f-9216-eee2-76123989bc6e</a>	
bis(4-chlorophenyl) sulphone		201-247-9	80-07-9	vPvB (Article 57e)	14-Jun-2023	<a href="https://echa.europa.eu/documents/10162/9632ec09-e901-d718-e54c-78ea9a7ef1d2">https://echa.europa.eu/documents/10162/9632ec09-e901-d718-e54c-78ea9a7ef1d2</a>	<a href="https://echa.europa.eu/documents/10162/63a9b09d-1319-9c0d-3390-6d41aad19e45">https://echa.europa.eu/documents/10162/63a9b09d-1319-9c0d-3390-6d41aad19e45</a>	<a href="https://echa.europa.eu/documents/10162/78530af8-b2e3-a962-c6bc-07405104b4b7">https://echa.europa.eu/documents/10162/78530af8-b2e3-a962-c6bc-07405104b4b7</a>	<a href="https://echa.europa.eu/documents/10162/59aaa00c-81fa-6259-a53a-aae021b40f38">https://echa.europa.eu/documents/10162/59aaa00c-81fa-6259-a53a-aae021b40f38</a>	
reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine		473-390-7	-	vPvB (Article 57e)	17-Jan-2023	<a href="https://echa.europa.eu/documents/10162/63bacec8-0474-2eb7-f806-df033037e179">https://echa.europa.eu/documents/10162/63bacec8-0474-2eb7-f806-df033037e179</a>	<a href="https://echa.europa.eu/documents/10162/9e6b1274-70f2-bf1e-90d9-a12700e18bd5">https://echa.europa.eu/documents/10162/9e6b1274-70f2-bf1e-90d9-a12700e18bd5</a>	<a href="https://echa.europa.eu/documents/10162/3f294a7d-108a-5793-8f18-17bc85716e08">https://echa.europa.eu/documents/10162/3f294a7d-108a-5793-8f18-17bc85716e08</a>	<a href="https://echa.europa.eu/documents/10162/6b868b22-2b62-1e00-19cf-b3747c19d7b6">https://echa.europa.eu/documents/10162/6b868b22-2b62-1e00-19cf-b3747c19d7b6</a>	
Perfluoroheptanoic acid and its salts		-	-	Toxic for reproduction (Article 57c),PBT (Article 57d),vPvB (Article 57e),Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health),Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	17-Jan-2023	<a href="https://echa.europa.eu/documents/10162/a74c795f-dd93-830a-08a8-c6c585400742">https://echa.europa.eu/documents/10162/a74c795f-dd93-830a-08a8-c6c585400742</a>	<a href="https://echa.europa.eu/documents/10162/1f041880-8c8b-ee7a-2bef-fdb84e6b39da">https://echa.europa.eu/documents/10162/1f041880-8c8b-ee7a-2bef-fdb84e6b39da</a>	<a href="https://echa.europa.eu/documents/10162/0eb7e7f6-a1a1-831e-4d0d-e13c1b13c28a">https://echa.europa.eu/documents/10162/0eb7e7f6-a1a1-831e-4d0d-e13c1b13c28a</a>	<a href="https://echa.europa.eu/documents/10162/bbe905ea-43ce-50e7-694a-171e6327fa98">https://echa.europa.eu/documents/10162/bbe905ea-43ce-50e7-694a-171e6327fa98</a>	
Sodium perfluoroheptanoate		243-518-4	20109-59-5	Toxic for reproduction (Article 57c),PBT (Article 57d),vPvB (Article 57e),Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health),Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	17-Jan-2023	<a href="https://echa.europa.eu/documents/10162/a74c795f-dd93-830a-08a8-c6c585400742">https://echa.europa.eu/documents/10162/a74c795f-dd93-830a-08a8-c6c585400742</a>	<a href="https://echa.europa.eu/documents/10162/1f041880-8c8b-ee7a-2bef-fdb84e6b39da">https://echa.europa.eu/documents/10162/1f041880-8c8b-ee7a-2bef-fdb84e6b39da</a>	<a href="https://echa.europa.eu/documents/10162/0eb7e7f6-a1a1-831e-4d0d-e13c1b13c28a">https://echa.europa.eu/documents/10162/0eb7e7f6-a1a1-831e-4d0d-e13c1b13c28a</a>	<a href="https://echa.europa.eu/documents/10162/bbe905ea-43ce-50e7-694a-171e6327fa98">https://echa.europa.eu/documents/10162/bbe905ea-43ce-50e7-694a-171e6327fa98</a>	

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potassium perfluoroheptanoate		-	21049-36-5	Toxic for reproduction (Article 57c),PBT (Article 57d),vPvB (Article 57e),Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health),Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	17-Jan-2023	<a href="https://echa.europa.eu/documents/10162/a74c795f-dd93-830a-08a8-c6c585400742">https://echa.europa.eu/documents/10162/a74c795f-dd93-830a-08a8-c6c585400742</a>	<a href="https://echa.europa.eu/documents/10162/1f041880-8c8b-ee7a-2bef-fdb84e6b39da">https://echa.europa.eu/documents/10162/1f041880-8c8b-ee7a-2bef-fdb84e6b39da</a>	<a href="https://echa.europa.eu/documents/10162/0eb7e7f6-a1a1-831e-4d0d-e13c1b13c28a">https://echa.europa.eu/documents/10162/0eb7e7f6-a1a1-831e-4d0d-e13c1b13c28a</a>	<a href="https://echa.europa.eu/documents/10162/bbe905ea-43ce-50e7-694a-171e6327fa98">https://echa.europa.eu/documents/10162/bbe905ea-43ce-50e7-694a-171e6327fa98</a>	
Ammonium perfluoroheptanoate		228-098-2	6130-43-4	Toxic for reproduction (Article 57c),PBT (Article 57d),vPvB (Article 57e),Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health),Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	17-Jan-2023	<a href="https://echa.europa.eu/documents/10162/a74c795f-dd93-830a-08a8-c6c585400742">https://echa.europa.eu/documents/10162/a74c795f-dd93-830a-08a8-c6c585400742</a>	<a href="https://echa.europa.eu/documents/10162/1f041880-8c8b-ee7a-2bef-fdb84e6b39da">https://echa.europa.eu/documents/10162/1f041880-8c8b-ee7a-2bef-fdb84e6b39da</a>	<a href="https://echa.europa.eu/documents/10162/0eb7e7f6-a1a1-831e-4d0d-e13c1b13c28a">https://echa.europa.eu/documents/10162/0eb7e7f6-a1a1-831e-4d0d-e13c1b13c28a</a>	<a href="https://echa.europa.eu/documents/10162/bbe905ea-43ce-50e7-694a-171e6327fa98">https://echa.europa.eu/documents/10162/bbe905ea-43ce-50e7-694a-171e6327fa98</a>	
Perfluoroheptanoic acid		206-798-9	375-85-9	Toxic for reproduction (Article 57c),PBT (Article 57d),vPvB (Article 57e),Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health),Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	17-Jan-2023	<a href="https://echa.europa.eu/documents/10162/a74c795f-dd93-830a-08a8-c6c585400742">https://echa.europa.eu/documents/10162/a74c795f-dd93-830a-08a8-c6c585400742</a>	<a href="https://echa.europa.eu/documents/10162/1f041880-8c8b-ee7a-2bef-fdb84e6b39da">https://echa.europa.eu/documents/10162/1f041880-8c8b-ee7a-2bef-fdb84e6b39da</a>	<a href="https://echa.europa.eu/documents/10162/0eb7e7f6-a1a1-831e-4d0d-e13c1b13c28a">https://echa.europa.eu/documents/10162/0eb7e7f6-a1a1-831e-4d0d-e13c1b13c28a</a>	<a href="https://echa.europa.eu/documents/10162/bbe905ea-43ce-50e7-694a-171e6327fa98">https://echa.europa.eu/documents/10162/bbe905ea-43ce-50e7-694a-171e6327fa98</a>	

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Melamine		203-615-4	108-78-1	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health), Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	17-Jan-2023	<a href="https://echa.europa.eu/documents/10162/653a0781-6b4b-d085-5393-edc530459a4f">https://echa.europa.eu/documents/10162/653a0781-6b4b-d085-5393-edc530459a4f</a>	<a href="https://echa.europa.eu/documents/10162/400552f2-c5b1-b2d7-2572-6ffa0cfa310">https://echa.europa.eu/documents/10162/400552f2-c5b1-b2d7-2572-6ffa0cfa310</a>	<a href="https://echa.europa.eu/documents/10162/a94feb1d-4719-61ce-f815-0ee82ba17762">https://echa.europa.eu/documents/10162/a94feb1d-4719-61ce-f815-0ee82ba17762</a>	<a href="https://echa.europa.eu/documents/10162/9e7356e0-1da3-6710-d5eb-e1409a3a9ffa">https://echa.europa.eu/documents/10162/9e7356e0-1da3-6710-d5eb-e1409a3a9ffa</a>	
Isobutyl 4-hydroxybenzoate		224-208-8	4247-02-3	Endocrine disrupting properties (Article 57(f) - human health)	17-Jan-2023	<a href="https://echa.europa.eu/documents/10162/f7f66e6b-8952-54fc-eef6-ab16d5d294bb">https://echa.europa.eu/documents/10162/f7f66e6b-8952-54fc-eef6-ab16d5d294bb</a>	<a href="https://echa.europa.eu/documents/10162/3ee697d2-1942-3ab9-45ae-2579795169ce">https://echa.europa.eu/documents/10162/3ee697d2-1942-3ab9-45ae-2579795169ce</a>	<a href="https://echa.europa.eu/documents/10162/7805bba2-8ee9-6579-bf7b-88f7e2030c9a">https://echa.europa.eu/documents/10162/7805bba2-8ee9-6579-bf7b-88f7e2030c9a</a> , <a href="https://echa.europa.eu/documents/10162/d85e48f5-7ef7-c2d9-73d3-8d65ecd73f12">https://echa.europa.eu/documents/10162/d85e48f5-7ef7-c2d9-73d3-8d65ecd73f12</a> , <a href="https://echa.europa.eu/documents/10162/e3035965-6913-bd85-1d3e-ca410bf2fcb">https://echa.europa.eu/documents/10162/e3035965-6913-bd85-1d3e-ca410bf2fcb</a>	<a href="https://echa.europa.eu/documents/10162/7241207b-b1c8-f174-d346-5051ce1583ff">https://echa.europa.eu/documents/10162/7241207b-b1c8-f174-d346-5051ce1583ff</a>	
bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof		-	-	vPvB (Article 57e)	17-Jan-2023	<a href="https://echa.europa.eu/documents/10162/03b75dc6-489d-44a4-3a91-9e8854a4584e">https://echa.europa.eu/documents/10162/03b75dc6-489d-44a4-3a91-9e8854a4584e</a>	<a href="https://echa.europa.eu/documents/10162/042c08dc-3385-5cc7-b851-e60eceed7a0b">https://echa.europa.eu/documents/10162/042c08dc-3385-5cc7-b851-e60eceed7a0b</a>	<a href="https://echa.europa.eu/documents/10162/170b9b2f-a1d0-9661-d36d-faf0846f6763">https://echa.europa.eu/documents/10162/170b9b2f-a1d0-9661-d36d-faf0846f6763</a>	<a href="https://echa.europa.eu/documents/10162/e7d3971a-6f01-b503-13d9-d82cecf4b0ad">https://echa.europa.eu/documents/10162/e7d3971a-6f01-b503-13d9-d82cecf4b0ad</a>	
Bis(2-ethylhexyl) tetrabromophthalate		247-426-5	26040-51-7	vPvB (Article 57e)	17-Jan-2023	<a href="https://echa.europa.eu/documents/10162/03b75dc6-489d-44a4-3a91-9e8854a4584e">https://echa.europa.eu/documents/10162/03b75dc6-489d-44a4-3a91-9e8854a4584e</a>	<a href="https://echa.europa.eu/documents/10162/042c08dc-3385-5cc7-b851-e60eceed7a0b">https://echa.europa.eu/documents/10162/042c08dc-3385-5cc7-b851-e60eceed7a0b</a>	<a href="https://echa.europa.eu/documents/10162/170b9b2f-a1d0-9661-d36d-faf0846f6763">https://echa.europa.eu/documents/10162/170b9b2f-a1d0-9661-d36d-faf0846f6763</a>	<a href="https://echa.europa.eu/documents/10162/e7d3971a-6f01-b503-13d9-d82cecf4b0ad">https://echa.europa.eu/documents/10162/e7d3971a-6f01-b503-13d9-d82cecf4b0ad</a>	
Barium diboron tetraoxide		237-222-4	13701-59-2	Toxic for reproduction (Article 57c)	17-Jan-2023	<a href="https://echa.europa.eu/documents/10162/301582c5-3f0d-8698-f00a-fcfd56737350">https://echa.europa.eu/documents/10162/301582c5-3f0d-8698-f00a-fcfd56737350</a>	<a href="https://echa.europa.eu/documents/10162/ece3647e-bf00-b6bc-b668-9c1688f9e0a1">https://echa.europa.eu/documents/10162/ece3647e-bf00-b6bc-b668-9c1688f9e0a1</a>	<a href="https://echa.europa.eu/documents/10162/dd52fbc0-7d62-2708-7285-e486c67d52c2">https://echa.europa.eu/documents/10162/dd52fbc0-7d62-2708-7285-e486c67d52c2</a>	<a href="https://echa.europa.eu/documents/10162/4ddfad88-87cd-15bc-0297-0a784b23a1bf">https://echa.europa.eu/documents/10162/4ddfad88-87cd-15bc-0297-0a784b23a1bf</a>	
4,4'-sulphonyldiphenol		201-250-5	80-09-1	Toxic for reproduction (Article 57c), Endocrine disrupting properties (Article 57(f) - environment), Endocrine disrupting properties (Article 57(f) - human health)	17-Jan-2023	<a href="https://echa.europa.eu/documents/10162/4ccf3271-2d8a-a026-a689-52f26f2610ee">https://echa.europa.eu/documents/10162/4ccf3271-2d8a-a026-a689-52f26f2610ee</a>	<a href="https://echa.europa.eu/documents/10162/ee7a9523-4533-90fe-3e9f-84f4e6cdce32">https://echa.europa.eu/documents/10162/ee7a9523-4533-90fe-3e9f-84f4e6cdce32</a>	<a href="https://echa.europa.eu/documents/10162/cffe2e0d-2c25-bfb1-f5ff-eca0b3b30f32">https://echa.europa.eu/documents/10162/cffe2e0d-2c25-bfb1-f5ff-eca0b3b30f32</a>	<a href="https://echa.europa.eu/documents/10162/9a0c40de-ee96-49b4-9ac5-d6dee8fa5985">https://echa.europa.eu/documents/10162/9a0c40de-ee96-49b4-9ac5-d6dee8fa5985</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol		201-236-9	79-94-7	Carcinogenic (Article 57a)	17-Jan-2023	<a href="https://echa.europa.eu/documents/10162/dfb4de3c-5868-4ef8-d675-ba8daf759cf3">https://echa.europa.eu/documents/10162/dfb4de3c-5868-4ef8-d675-ba8daf759cf3</a>	<a href="https://echa.europa.eu/documents/10162/d89e7bbc-bac9-a092-4c94-30a067b46656">https://echa.europa.eu/documents/10162/d89e7bbc-bac9-a092-4c94-30a067b46656</a>	<a href="https://echa.europa.eu/documents/10162/9238ce7d-52aa-e2a1-5474-b5adf5ca9003">https://echa.europa.eu/documents/10162/9238ce7d-52aa-e2a1-5474-b5adf5ca9003</a>	<a href="https://echa.europa.eu/documents/10162/62473a52-ba74-48e6-90eb-108788cf592b">https://echa.europa.eu/documents/10162/62473a52-ba74-48e6-90eb-108788cf592b</a>	
1,1'-[ethane-1,2-diylbis(oxy)bis[2,4,6-tribromobenzene]		253-692-3	37853-59-1	vPvB (Article 57e)	17-Jan-2023	<a href="https://echa.europa.eu/documents/10162/382d3710-462b-09b3-4a65-a3df830db6e3">https://echa.europa.eu/documents/10162/382d3710-462b-09b3-4a65-a3df830db6e3</a>	<a href="https://echa.europa.eu/documents/10162/dfd5c516-be38-2da8-5a2c-5815a938e9ab">https://echa.europa.eu/documents/10162/dfd5c516-be38-2da8-5a2c-5815a938e9ab</a>	<a href="https://echa.europa.eu/documents/10162/f23e510a-2a13-8942-c9f9-4e9951015862">https://echa.europa.eu/documents/10162/f23e510a-2a13-8942-c9f9-4e9951015862</a>	<a href="https://echa.europa.eu/documents/10162/91e92169-98d3-e2a4-d0c1-d63f4fd2da0b">https://echa.europa.eu/documents/10162/91e92169-98d3-e2a4-d0c1-d63f4fd2da0b</a>	
N-(hydroxymethyl)acrylamide		213-103-2	924-42-5	Carcinogenic (Article 57a), Mutagenic (Article 57b)	10-Jun-2022	<a href="https://echa.europa.eu/documents/10162/02904d92-61a9-be52-f565-a6ec65c0fcbd">https://echa.europa.eu/documents/10162/02904d92-61a9-be52-f565-a6ec65c0fcbd</a>	<a href="https://echa.europa.eu/documents/10162/7b2404fe-f91e-0b39-32b7-b853e82ab2af">https://echa.europa.eu/documents/10162/7b2404fe-f91e-0b39-32b7-b853e82ab2af</a>	<a href="https://echa.europa.eu/documents/10162/f5c6a946-c14d-b45d-b9ca-cc0bd85403c4">https://echa.europa.eu/documents/10162/f5c6a946-c14d-b45d-b9ca-cc0bd85403c4</a>	<a href="https://echa.europa.eu/documents/10162/32f6be21-a6b3-9730-ddc5-2bb7050499a5">https://echa.europa.eu/documents/10162/32f6be21-a6b3-9730-ddc5-2bb7050499a5</a>	
tris(2-methoxyethoxy)vinylsilane		213-934-0	1067-53-4	Toxic for reproduction (Article 57c)	17-Jan-2022	<a href="https://echa.europa.eu/documents/10162/1b4d5632-3958-a563-bbd4-d318e59e520b">https://echa.europa.eu/documents/10162/1b4d5632-3958-a563-bbd4-d318e59e520b</a>	<a href="https://echa.europa.eu/documents/10162/b175f54b-e658-de9b-0dec-dad099bb1f17">https://echa.europa.eu/documents/10162/b175f54b-e658-de9b-0dec-dad099bb1f17</a>	<a href="https://echa.europa.eu/documents/10162/21bc25f0-b6f0-1174-18ba-a9081578097e">https://echa.europa.eu/documents/10162/21bc25f0-b6f0-1174-18ba-a9081578097e</a>	<a href="https://echa.europa.eu/documents/10162/3914417a-18b5-5334-8d25-fc1a40d0782e">https://echa.europa.eu/documents/10162/3914417a-18b5-5334-8d25-fc1a40d0782e</a>	
S-(tricyclo(5.2.1.0'2,6)deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	X4261	401-850-9	255881-94-8	PBT (Article 57d)	17-Jan-2022	<a href="https://echa.europa.eu/documents/10162/a70cd813-f087-c8df-03ce-1359f8f7e516">https://echa.europa.eu/documents/10162/a70cd813-f087-c8df-03ce-1359f8f7e516</a>	<a href="https://echa.europa.eu/documents/10162/fab08a5e-d762-bc39-8999-fab001c36b7c">https://echa.europa.eu/documents/10162/fab08a5e-d762-bc39-8999-fab001c36b7c</a>	<a href="https://echa.europa.eu/documents/10162/4f98791d-869c-d7a4-5791-9380fa825a31">https://echa.europa.eu/documents/10162/4f98791d-869c-d7a4-5791-9380fa825a31</a>	<a href="https://echa.europa.eu/documents/10162/22c2d1af-3748-206d-3031-02de14d58047">https://echa.europa.eu/documents/10162/22c2d1af-3748-206d-3031-02de14d58047</a>	
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol		204-327-1	119-47-1	Toxic for reproduction (Article 57c)	17-Jan-2022	<a href="https://echa.europa.eu/documents/10162/fe17e78e-729f-770e-5f4a-5da23bb2c361">https://echa.europa.eu/documents/10162/fe17e78e-729f-770e-5f4a-5da23bb2c361</a>	<a href="https://echa.europa.eu/documents/10162/2409e362-247f-8ca4-c856-40231ac2dc88">https://echa.europa.eu/documents/10162/2409e362-247f-8ca4-c856-40231ac2dc88</a>	<a href="https://echa.europa.eu/documents/10162/7f58d058-f965-6fe2-864c-4df6a605c8ce">https://echa.europa.eu/documents/10162/7f58d058-f965-6fe2-864c-4df6a605c8ce</a>	<a href="https://echa.europa.eu/documents/10162/92936d26-abe2-f0cb-9bdd-f5be90304c5b">https://echa.europa.eu/documents/10162/92936d26-abe2-f0cb-9bdd-f5be90304c5b</a>	
(Å±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)		-	-	Endocrine disrupting properties (Article 57(f) - human health)	17-Jan-2022	<a href="https://echa.europa.eu/documents/10162/b05be4ea-eff8-5c93-f021-9961a9abc10d">https://echa.europa.eu/documents/10162/b05be4ea-eff8-5c93-f021-9961a9abc10d</a>	<a href="https://echa.europa.eu/documents/10162/94537711-ea88-61c3-4a4a-d134d900b81c">https://echa.europa.eu/documents/10162/94537711-ea88-61c3-4a4a-d134d900b81c</a>	<a href="https://echa.europa.eu/documents/10162/41008a30-53db-84bd-6d4e-7f31d9aa78dc">https://echa.europa.eu/documents/10162/41008a30-53db-84bd-6d4e-7f31d9aa78dc</a>	<a href="https://echa.europa.eu/documents/10162/36e3ce7f-fa01-9134-239a-9dae6e783fd1">https://echa.europa.eu/documents/10162/36e3ce7f-fa01-9134-239a-9dae6e783fd1</a>	
(3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one		-	1782069-81-1	Endocrine disrupting properties (Article 57(f) - human health)	17-Jan-2022	<a href="https://echa.europa.eu/documents/10162/b05be4ea-eff8-5c93-f021-9961a9abc10d">https://echa.europa.eu/documents/10162/b05be4ea-eff8-5c93-f021-9961a9abc10d</a>	<a href="https://echa.europa.eu/documents/10162/94537711-ea88-61c3-4a4a-d134d900b81c">https://echa.europa.eu/documents/10162/94537711-ea88-61c3-4a4a-d134d900b81c</a>	<a href="https://echa.europa.eu/documents/10162/41008a30-53db-84bd-6d4e-7f31d9aa78dc">https://echa.europa.eu/documents/10162/41008a30-53db-84bd-6d4e-7f31d9aa78dc</a>	<a href="https://echa.europa.eu/documents/10162/36e3ce7f-fa01-9134-239a-9dae6e783fd1">https://echa.europa.eu/documents/10162/36e3ce7f-fa01-9134-239a-9dae6e783fd1</a>	
(1R,3E,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one		-	95342-41-9	Endocrine disrupting properties (Article 57(f) - human health)	17-Jan-2022	<a href="https://echa.europa.eu/documents/10162/b05be4ea-eff8-5c93-f021-9961a9abc10d">https://echa.europa.eu/documents/10162/b05be4ea-eff8-5c93-f021-9961a9abc10d</a>	<a href="https://echa.europa.eu/documents/10162/94537711-ea88-61c3-4a4a-d134d900b81c">https://echa.europa.eu/documents/10162/94537711-ea88-61c3-4a4a-d134d900b81c</a>	<a href="https://echa.europa.eu/documents/10162/41008a30-53db-84bd-6d4e-7f31d9aa78dc">https://echa.europa.eu/documents/10162/41008a30-53db-84bd-6d4e-7f31d9aa78dc</a>	<a href="https://echa.europa.eu/documents/10162/36e3ce7f-fa01-9134-239a-9dae6e783fd1">https://echa.europa.eu/documents/10162/36e3ce7f-fa01-9134-239a-9dae6e783fd1</a>	
(1S,3Z,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one		-	852541-25-4	Endocrine disrupting properties (Article 57(f) - human health)	17-Jan-2022	<a href="https://echa.europa.eu/documents/10162/b05be4ea-eff8-5c93-f021-9961a9abc10d">https://echa.europa.eu/documents/10162/b05be4ea-eff8-5c93-f021-9961a9abc10d</a>	<a href="https://echa.europa.eu/documents/10162/94537711-ea88-61c3-4a4a-d134d900b81c">https://echa.europa.eu/documents/10162/94537711-ea88-61c3-4a4a-d134d900b81c</a>	<a href="https://echa.europa.eu/documents/10162/41008a30-53db-84bd-6d4e-7f31d9aa78dc">https://echa.europa.eu/documents/10162/41008a30-53db-84bd-6d4e-7f31d9aa78dc</a>	<a href="https://echa.europa.eu/documents/10162/36e3ce7f-fa01-9134-239a-9dae6e783fd1">https://echa.europa.eu/documents/10162/36e3ce7f-fa01-9134-239a-9dae6e783fd1</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
(±)-1,7,7-trimethyl-3-[[4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one		253-242-6	36861-47-9	Endocrine disrupting properties (Article 57(f) - human health)	17-Jan-2022	<a href="https://echa.europa.eu/documents/10162/b05be4ea-eff8-5c93-f021-9961a9abc10d">https://echa.europa.eu/documents/10162/b05be4ea-eff8-5c93-f021-9961a9abc10d</a>	<a href="https://echa.europa.eu/documents/10162/94537711-ea88-61c3-4a4a-d134d900b81c">https://echa.europa.eu/documents/10162/94537711-ea88-61c3-4a4a-d134d900b81c</a>	<a href="https://echa.europa.eu/documents/10162/41008a30-53db-84bd-6d4e-7f31d9aa78dc">https://echa.europa.eu/documents/10162/41008a30-53db-84bd-6d4e-7f31d9aa78dc</a>	<a href="https://echa.europa.eu/documents/10162/36e3ce7f-fa01-9134-239a-9dae6e783fd1">https://echa.europa.eu/documents/10162/36e3ce7f-fa01-9134-239a-9dae6e783fd1</a>	
(1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one		-	741687-98-9	Endocrine disrupting properties (Article 57(f) - human health)	17-Jan-2022	<a href="https://echa.europa.eu/documents/10162/b05be4ea-eff8-5c93-f021-9961a9abc10d">https://echa.europa.eu/documents/10162/b05be4ea-eff8-5c93-f021-9961a9abc10d</a>	<a href="https://echa.europa.eu/documents/10162/94537711-ea88-61c3-4a4a-d134d900b81c">https://echa.europa.eu/documents/10162/94537711-ea88-61c3-4a4a-d134d900b81c</a>	<a href="https://echa.europa.eu/documents/10162/41008a30-53db-84bd-6d4e-7f31d9aa78dc">https://echa.europa.eu/documents/10162/41008a30-53db-84bd-6d4e-7f31d9aa78dc</a>	<a href="https://echa.europa.eu/documents/10162/36e3ce7f-fa01-9134-239a-9dae6e783fd1">https://echa.europa.eu/documents/10162/36e3ce7f-fa01-9134-239a-9dae6e783fd1</a>	
(1S,3E,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one		-	852541-30-1	Endocrine disrupting properties (Article 57(f) - human health)	17-Jan-2022	<a href="https://echa.europa.eu/documents/10162/b05be4ea-eff8-5c93-f021-9961a9abc10d">https://echa.europa.eu/documents/10162/b05be4ea-eff8-5c93-f021-9961a9abc10d</a>	<a href="https://echa.europa.eu/documents/10162/94537711-ea88-61c3-4a4a-d134d900b81c">https://echa.europa.eu/documents/10162/94537711-ea88-61c3-4a4a-d134d900b81c</a>	<a href="https://echa.europa.eu/documents/10162/41008a30-53db-84bd-6d4e-7f31d9aa78dc">https://echa.europa.eu/documents/10162/41008a30-53db-84bd-6d4e-7f31d9aa78dc</a>	<a href="https://echa.europa.eu/documents/10162/36e3ce7f-fa01-9134-239a-9dae6e783fd1">https://echa.europa.eu/documents/10162/36e3ce7f-fa01-9134-239a-9dae6e783fd1</a>	
(1R,3Z,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one		-	852541-21-0	Endocrine disrupting properties (Article 57(f) - human health)	17-Jan-2022	<a href="https://echa.europa.eu/documents/10162/b05be4ea-eff8-5c93-f021-9961a9abc10d">https://echa.europa.eu/documents/10162/b05be4ea-eff8-5c93-f021-9961a9abc10d</a>	<a href="https://echa.europa.eu/documents/10162/94537711-ea88-61c3-4a4a-d134d900b81c">https://echa.europa.eu/documents/10162/94537711-ea88-61c3-4a4a-d134d900b81c</a>	<a href="https://echa.europa.eu/documents/10162/41008a30-53db-84bd-6d4e-7f31d9aa78dc">https://echa.europa.eu/documents/10162/41008a30-53db-84bd-6d4e-7f31d9aa78dc</a>	<a href="https://echa.europa.eu/documents/10162/36e3ce7f-fa01-9134-239a-9dae6e783fd1">https://echa.europa.eu/documents/10162/36e3ce7f-fa01-9134-239a-9dae6e783fd1</a>	
Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)		-	-	Toxic for reproduction (Article 57c), Endocrine disrupting properties (Article 57(f) - environment), Endocrine disrupting properties (Article 57(f) - human health)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/6c954d43-13d4-b12b-4c0a-bc6c1f35fc72">https://echa.europa.eu/documents/10162/6c954d43-13d4-b12b-4c0a-bc6c1f35fc72</a>	<a href="https://echa.europa.eu/documents/10162/6823656a-b163-5985-75c4-a768a67b9d3c">https://echa.europa.eu/documents/10162/6823656a-b163-5985-75c4-a768a67b9d3c</a>	<a href="https://echa.europa.eu/documents/10162/6a83bb36-00c4-3b6a-74a4-76a1223aacd9">https://echa.europa.eu/documents/10162/6a83bb36-00c4-3b6a-74a4-76a1223aacd9</a>	<a href="https://echa.europa.eu/documents/10162/7c788805-871e-9568-78a8-402f94541ae0">https://echa.europa.eu/documents/10162/7c788805-871e-9568-78a8-402f94541ae0</a>	
Phenol, dodecyl-, branched		310-154-3	121158-58-5	Toxic for reproduction (Article 57c), Endocrine disrupting properties (Article 57(f) - environment), Endocrine disrupting properties (Article 57(f) - human health)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/6c954d43-13d4-b12b-4c0a-bc6c1f35fc72">https://echa.europa.eu/documents/10162/6c954d43-13d4-b12b-4c0a-bc6c1f35fc72</a>	<a href="https://echa.europa.eu/documents/10162/6823656a-b163-5985-75c4-a768a67b9d3c">https://echa.europa.eu/documents/10162/6823656a-b163-5985-75c4-a768a67b9d3c</a>	<a href="https://echa.europa.eu/documents/10162/6a83bb36-00c4-3b6a-74a4-76a1223aacd9">https://echa.europa.eu/documents/10162/6a83bb36-00c4-3b6a-74a4-76a1223aacd9</a>	<a href="https://echa.europa.eu/documents/10162/7c788805-871e-9568-78a8-402f94541ae0">https://echa.europa.eu/documents/10162/7c788805-871e-9568-78a8-402f94541ae0</a>	
Phenol, (tetrapropenyl) derivatives		-	74499-35-7	Toxic for reproduction (Article 57c), Endocrine disrupting properties (Article 57(f) - environment), Endocrine disrupting properties (Article 57(f) - human health)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/6c954d43-13d4-b12b-4c0a-bc6c1f35fc72">https://echa.europa.eu/documents/10162/6c954d43-13d4-b12b-4c0a-bc6c1f35fc72</a>	<a href="https://echa.europa.eu/documents/10162/6823656a-b163-5985-75c4-a768a67b9d3c">https://echa.europa.eu/documents/10162/6823656a-b163-5985-75c4-a768a67b9d3c</a>	<a href="https://echa.europa.eu/documents/10162/6a83bb36-00c4-3b6a-74a4-76a1223aacd9">https://echa.europa.eu/documents/10162/6a83bb36-00c4-3b6a-74a4-76a1223aacd9</a>	<a href="https://echa.europa.eu/documents/10162/7c788805-871e-9568-78a8-402f94541ae0">https://echa.europa.eu/documents/10162/7c788805-871e-9568-78a8-402f94541ae0</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Phenol, tetrapropylene-		-	57427-55-1	Toxic for reproduction (Article 57c), Endocrine disrupting properties (Article 57(f) - environment), Endocrine disrupting properties (Article 57(f) - human health)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/6c954d43-13d4-b12b-4c0a-bc6c1f35fc72">https://echa.europa.eu/documents/10162/6c954d43-13d4-b12b-4c0a-bc6c1f35fc72</a>	<a href="https://echa.europa.eu/documents/10162/6823656a-b163-5985-75c4-a768a67b9d3c">https://echa.europa.eu/documents/10162/6823656a-b163-5985-75c4-a768a67b9d3c</a>	<a href="https://echa.europa.eu/documents/10162/6a83bb36-00c4-3b6a-74a4-76a1223aacd9">https://echa.europa.eu/documents/10162/6a83bb36-00c4-3b6a-74a4-76a1223aacd9</a>	<a href="https://echa.europa.eu/documents/10162/7c788805-871e-9568-78a8-402f94541ae0">https://echa.europa.eu/documents/10162/7c788805-871e-9568-78a8-402f94541ae0</a>	
Phenol, 4-dodecyl, branched		-	210555-94-5	Toxic for reproduction (Article 57c), Endocrine disrupting properties (Article 57(f) - environment), Endocrine disrupting properties (Article 57(f) - human health)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/6c954d43-13d4-b12b-4c0a-bc6c1f35fc72">https://echa.europa.eu/documents/10162/6c954d43-13d4-b12b-4c0a-bc6c1f35fc72</a>	<a href="https://echa.europa.eu/documents/10162/6823656a-b163-5985-75c4-a768a67b9d3c">https://echa.europa.eu/documents/10162/6823656a-b163-5985-75c4-a768a67b9d3c</a>	<a href="https://echa.europa.eu/documents/10162/6a83bb36-00c4-3b6a-74a4-76a1223aacd9">https://echa.europa.eu/documents/10162/6a83bb36-00c4-3b6a-74a4-76a1223aacd9</a>	<a href="https://echa.europa.eu/documents/10162/7c788805-871e-9568-78a8-402f94541ae0">https://echa.europa.eu/documents/10162/7c788805-871e-9568-78a8-402f94541ae0</a>	
4-isododecylphenol		-	27459-10-5	Toxic for reproduction (Article 57c), Endocrine disrupting properties (Article 57(f) - environment), Endocrine disrupting properties (Article 57(f) - human health)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/6c954d43-13d4-b12b-4c0a-bc6c1f35fc72">https://echa.europa.eu/documents/10162/6c954d43-13d4-b12b-4c0a-bc6c1f35fc72</a>	<a href="https://echa.europa.eu/documents/10162/6823656a-b163-5985-75c4-a768a67b9d3c">https://echa.europa.eu/documents/10162/6823656a-b163-5985-75c4-a768a67b9d3c</a>	<a href="https://echa.europa.eu/documents/10162/6a83bb36-00c4-3b6a-74a4-76a1223aacd9">https://echa.europa.eu/documents/10162/6a83bb36-00c4-3b6a-74a4-76a1223aacd9</a>	<a href="https://echa.europa.eu/documents/10162/7c788805-871e-9568-78a8-402f94541ae0">https://echa.europa.eu/documents/10162/7c788805-871e-9568-78a8-402f94541ae0</a>	
Phenol, 4-isododecyl-		-	27147-75-7	Toxic for reproduction (Article 57c), Endocrine disrupting properties (Article 57(f) - environment), Endocrine disrupting properties (Article 57(f) - human health)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/6c954d43-13d4-b12b-4c0a-bc6c1f35fc72">https://echa.europa.eu/documents/10162/6c954d43-13d4-b12b-4c0a-bc6c1f35fc72</a>	<a href="https://echa.europa.eu/documents/10162/6823656a-b163-5985-75c4-a768a67b9d3c">https://echa.europa.eu/documents/10162/6823656a-b163-5985-75c4-a768a67b9d3c</a>	<a href="https://echa.europa.eu/documents/10162/6a83bb36-00c4-3b6a-74a4-76a1223aacd9">https://echa.europa.eu/documents/10162/6a83bb36-00c4-3b6a-74a4-76a1223aacd9</a>	<a href="https://echa.europa.eu/documents/10162/7c788805-871e-9568-78a8-402f94541ae0">https://echa.europa.eu/documents/10162/7c788805-871e-9568-78a8-402f94541ae0</a>	
orthoboric acid, sodium salt		-	-	Toxic for reproduction (Article 57c)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/2ffc10a7-fe57-2c75-9af2-001cb5f5aa1e">https://echa.europa.eu/documents/10162/2ffc10a7-fe57-2c75-9af2-001cb5f5aa1e</a>	<a href="https://echa.europa.eu/documents/10162/0b757d38-e10b-6692-2e56-b6d26b366dc8">https://echa.europa.eu/documents/10162/0b757d38-e10b-6692-2e56-b6d26b366dc8</a>	<a href="https://echa.europa.eu/documents/10162/c4c5aa8d-8f61-51ef-d120-6f54b5d9a0c0">https://echa.europa.eu/documents/10162/c4c5aa8d-8f61-51ef-d120-6f54b5d9a0c0</a>	<a href="https://echa.europa.eu/documents/10162/4b353aba-79ac-3605-690c-e6f1ca320647">https://echa.europa.eu/documents/10162/4b353aba-79ac-3605-690c-e6f1ca320647</a>	
Boric acid, sodium salt		215-604-1	1333-73-9	Toxic for reproduction (Article 57c)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/2ffc10a7-fe57-2c75-9af2-001cb5f5aa1e">https://echa.europa.eu/documents/10162/2ffc10a7-fe57-2c75-9af2-001cb5f5aa1e</a>	<a href="https://echa.europa.eu/documents/10162/0b757d38-e10b-6692-2e56-b6d26b366dc8">https://echa.europa.eu/documents/10162/0b757d38-e10b-6692-2e56-b6d26b366dc8</a>	<a href="https://echa.europa.eu/documents/10162/c4c5aa8d-8f61-51ef-d120-6f54b5d9a0c0">https://echa.europa.eu/documents/10162/c4c5aa8d-8f61-51ef-d120-6f54b5d9a0c0</a>	<a href="https://echa.europa.eu/documents/10162/4b353aba-79ac-3605-690c-e6f1ca320647">https://echa.europa.eu/documents/10162/4b353aba-79ac-3605-690c-e6f1ca320647</a>	
boric acid (H3BO3), sodium salt (1:1)		-	14890-53-0	Toxic for reproduction (Article 57c)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/2ffc10a7-fe57-2c75-9af2-001cb5f5aa1e">https://echa.europa.eu/documents/10162/2ffc10a7-fe57-2c75-9af2-001cb5f5aa1e</a>	<a href="https://echa.europa.eu/documents/10162/0b757d38-e10b-6692-2e56-b6d26b366dc8">https://echa.europa.eu/documents/10162/0b757d38-e10b-6692-2e56-b6d26b366dc8</a>	<a href="https://echa.europa.eu/documents/10162/c4c5aa8d-8f61-51ef-d120-6f54b5d9a0c0">https://echa.europa.eu/documents/10162/c4c5aa8d-8f61-51ef-d120-6f54b5d9a0c0</a>	<a href="https://echa.europa.eu/documents/10162/4b353aba-79ac-3605-690c-e6f1ca320647">https://echa.europa.eu/documents/10162/4b353aba-79ac-3605-690c-e6f1ca320647</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Trisodium orthoborate		238-253-6	14312-40-4	Toxic for reproduction (Article 57c)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/2ffc10a7-fe57-2c75-9af2-001cb5f5aa1e">https://echa.europa.eu/documents/10162/2ffc10a7-fe57-2c75-9af2-001cb5f5aa1e</a>	<a href="https://echa.europa.eu/documents/10162/0b757d38-e10b-6692-2e56-b6d26b366dc8">https://echa.europa.eu/documents/10162/0b757d38-e10b-6692-2e56-b6d26b366dc8</a>	<a href="https://echa.europa.eu/documents/10162/c4c5aa8d-8f61-51ef-d120-6f54b5d9a0c0">https://echa.europa.eu/documents/10162/c4c5aa8d-8f61-51ef-d120-6f54b5d9a0c0</a>	<a href="https://echa.europa.eu/documents/10162/4b353aba-79ac-3605-690c-e6f1ca320647">https://echa.europa.eu/documents/10162/4b353aba-79ac-3605-690c-e6f1ca320647</a>	
boric acid (H3BO3), sodium salt, hydrate		-	25747-83-5	Toxic for reproduction (Article 57c)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/2ffc10a7-fe57-2c75-9af2-001cb5f5aa1e">https://echa.europa.eu/documents/10162/2ffc10a7-fe57-2c75-9af2-001cb5f5aa1e</a>	<a href="https://echa.europa.eu/documents/10162/0b757d38-e10b-6692-2e56-b6d26b366dc8">https://echa.europa.eu/documents/10162/0b757d38-e10b-6692-2e56-b6d26b366dc8</a>	<a href="https://echa.europa.eu/documents/10162/c4c5aa8d-8f61-51ef-d120-6f54b5d9a0c0">https://echa.europa.eu/documents/10162/c4c5aa8d-8f61-51ef-d120-6f54b5d9a0c0</a>	<a href="https://echa.europa.eu/documents/10162/4b353aba-79ac-3605-690c-e6f1ca320647">https://echa.europa.eu/documents/10162/4b353aba-79ac-3605-690c-e6f1ca320647</a>	
Orthoboric acid, sodium salt		237-560-2	13840-56-7	Toxic for reproduction (Article 57c)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/2ffc10a7-fe57-2c75-9af2-001cb5f5aa1e">https://echa.europa.eu/documents/10162/2ffc10a7-fe57-2c75-9af2-001cb5f5aa1e</a>	<a href="https://echa.europa.eu/documents/10162/0b757d38-e10b-6692-2e56-b6d26b366dc8">https://echa.europa.eu/documents/10162/0b757d38-e10b-6692-2e56-b6d26b366dc8</a>	<a href="https://echa.europa.eu/documents/10162/c4c5aa8d-8f61-51ef-d120-6f54b5d9a0c0">https://echa.europa.eu/documents/10162/c4c5aa8d-8f61-51ef-d120-6f54b5d9a0c0</a>	<a href="https://echa.europa.eu/documents/10162/4b353aba-79ac-3605-690c-e6f1ca320647">https://echa.europa.eu/documents/10162/4b353aba-79ac-3605-690c-e6f1ca320647</a>	
Boric acid (H3BO3), disodium salt		-	22454-04-2	Toxic for reproduction (Article 57c)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/2ffc10a7-fe57-2c75-9af2-001cb5f5aa1e">https://echa.europa.eu/documents/10162/2ffc10a7-fe57-2c75-9af2-001cb5f5aa1e</a>	<a href="https://echa.europa.eu/documents/10162/0b757d38-e10b-6692-2e56-b6d26b366dc8">https://echa.europa.eu/documents/10162/0b757d38-e10b-6692-2e56-b6d26b366dc8</a>	<a href="https://echa.europa.eu/documents/10162/c4c5aa8d-8f61-51ef-d120-6f54b5d9a0c0">https://echa.europa.eu/documents/10162/c4c5aa8d-8f61-51ef-d120-6f54b5d9a0c0</a>	<a href="https://echa.europa.eu/documents/10162/4b353aba-79ac-3605-690c-e6f1ca320647">https://echa.europa.eu/documents/10162/4b353aba-79ac-3605-690c-e6f1ca320647</a>	
Medium-chain chlorinated paraffins (MCCP)	UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17	-	-	PBT (Article 57d),vPvB (Article 57e)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/af3efe a2-1518-3bbe-0bf5-3867131c2f4c">https://echa.europa.eu/documents/10162/af3efe a2-1518-3bbe-0bf5-3867131c2f4c</a>	<a href="https://echa.europa.eu/documents/10162/799da465-c1f4-00ea-e771-53d405fee8af">https://echa.europa.eu/documents/10162/799da465-c1f4-00ea-e771-53d405fee8af</a>	<a href="https://echa.europa.eu/documents/10162/98611952-49d5-b0be-d4b9-3df6579315c9">https://echa.europa.eu/documents/10162/98611952-49d5-b0be-d4b9-3df6579315c9</a>	<a href="https://echa.europa.eu/documents/10162/2b9b5c86-8980-3ce8-5bda-77928392642c,https://echa.europa.eu/documents/10162/a47cba77-d86d-006e-80e5-bbd3a103a193,https://echa.europa.eu/documents/10162/5a99cbfc-fd8b-df56-af12-c39a5c6cc8ce">https://echa.europa.eu/documents/10162/2b9b5c86-8980-3ce8-5bda-77928392642c,https://echa.europa.eu/documents/10162/a47cba77-d86d-006e-80e5-bbd3a103a193,https://echa.europa.eu/documents/10162/5a99cbfc-fd8b-df56-af12-c39a5c6cc8ce</a>	
Alkanes, C14-16, chloro		-	1372804-76-6	PBT (Article 57d),vPvB (Article 57e)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/af3efe a2-1518-3bbe-0bf5-3867131c2f4c">https://echa.europa.eu/documents/10162/af3efe a2-1518-3bbe-0bf5-3867131c2f4c</a>	<a href="https://echa.europa.eu/documents/10162/799da465-c1f4-00ea-e771-53d405fee8af">https://echa.europa.eu/documents/10162/799da465-c1f4-00ea-e771-53d405fee8af</a>	<a href="https://echa.europa.eu/documents/10162/98611952-49d5-b0be-d4b9-3df6579315c9">https://echa.europa.eu/documents/10162/98611952-49d5-b0be-d4b9-3df6579315c9</a>	<a href="https://echa.europa.eu/documents/10162/2b9b5c86-8980-3ce8-5bda-77928392642c,https://echa.europa.eu/documents/10162/a47cba77-d86d-006e-80e5-bbd3a103a193,https://echa.europa.eu/documents/10162/5a99cbfc-fd8b-df56-af12-c39a5c6cc8ce">https://echa.europa.eu/documents/10162/2b9b5c86-8980-3ce8-5bda-77928392642c,https://echa.europa.eu/documents/10162/a47cba77-d86d-006e-80e5-bbd3a103a193,https://echa.europa.eu/documents/10162/5a99cbfc-fd8b-df56-af12-c39a5c6cc8ce</a>	
di-, tri- and tetrachlorotetradecane		-	-	PBT (Article 57d),vPvB (Article 57e)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/af3efe a2-1518-3bbe-0bf5-3867131c2f4c">https://echa.europa.eu/documents/10162/af3efe a2-1518-3bbe-0bf5-3867131c2f4c</a>	<a href="https://echa.europa.eu/documents/10162/799da465-c1f4-00ea-e771-53d405fee8af">https://echa.europa.eu/documents/10162/799da465-c1f4-00ea-e771-53d405fee8af</a>	<a href="https://echa.europa.eu/documents/10162/98611952-49d5-b0be-d4b9-3df6579315c9">https://echa.europa.eu/documents/10162/98611952-49d5-b0be-d4b9-3df6579315c9</a>	<a href="https://echa.europa.eu/documents/10162/2b9b5c86-8980-3ce8-5bda-77928392642c,https://echa.europa.eu/documents/10162/a47cba77-d86d-006e-80e5-bbd3a103a193,https://echa.europa.eu/documents/10162/5a99cbfc-fd8b-df56-af12-c39a5c6cc8ce">https://echa.europa.eu/documents/10162/2b9b5c86-8980-3ce8-5bda-77928392642c,https://echa.europa.eu/documents/10162/a47cba77-d86d-006e-80e5-bbd3a103a193,https://echa.europa.eu/documents/10162/5a99cbfc-fd8b-df56-af12-c39a5c6cc8ce</a>	



Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Alkanes, C14-17, chloro		287-477-0	85535-85-9	PBT (Article 57d),vPvB (Article 57e)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/af3efe-a2-1518-3bbe-0bf5-3867131c2f4c">https://echa.europa.eu/documents/10162/af3efe-a2-1518-3bbe-0bf5-3867131c2f4c</a>	<a href="https://echa.europa.eu/documents/10162/799da465-c114-00ea-e771-53d405fee8af">https://echa.europa.eu/documents/10162/799da465-c114-00ea-e771-53d405fee8af</a>	<a href="https://echa.europa.eu/documents/10162/98611952-49d5-b0be-d4b9-3df6579315c9">https://echa.europa.eu/documents/10162/98611952-49d5-b0be-d4b9-3df6579315c9</a>	<a href="https://echa.europa.eu/documents/10162/2b9b5c86-8980-3ce8-5bda-77928392642c,https://echa.europa.eu/documents/10162/a47cba77-d86d-006e-80e5-bbd3a103a193,https://echa.europa.eu/documents/10162/5a99cbfc-fd8b-df56-af12-c39a5c6cc8ce">https://echa.europa.eu/documents/10162/2b9b5c86-8980-3ce8-5bda-77928392642c,https://echa.europa.eu/documents/10162/a47cba77-d86d-006e-80e5-bbd3a103a193,https://echa.europa.eu/documents/10162/5a99cbfc-fd8b-df56-af12-c39a5c6cc8ce</a>	
Tetradecane, chloro derivs.		-	198840-65-2	PBT (Article 57d),vPvB (Article 57e)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/af3efe-a2-1518-3bbe-0bf5-3867131c2f4c">https://echa.europa.eu/documents/10162/af3efe-a2-1518-3bbe-0bf5-3867131c2f4c</a>	<a href="https://echa.europa.eu/documents/10162/799da465-c114-00ea-e771-53d405fee8af">https://echa.europa.eu/documents/10162/799da465-c114-00ea-e771-53d405fee8af</a>	<a href="https://echa.europa.eu/documents/10162/98611952-49d5-b0be-d4b9-3df6579315c9">https://echa.europa.eu/documents/10162/98611952-49d5-b0be-d4b9-3df6579315c9</a>	<a href="https://echa.europa.eu/documents/10162/2b9b5c86-8980-3ce8-5bda-77928392642c,https://echa.europa.eu/documents/10162/a47cba77-d86d-006e-80e5-bbd3a103a193,https://echa.europa.eu/documents/10162/5a99cbfc-fd8b-df56-af12-c39a5c6cc8ce">https://echa.europa.eu/documents/10162/2b9b5c86-8980-3ce8-5bda-77928392642c,https://echa.europa.eu/documents/10162/a47cba77-d86d-006e-80e5-bbd3a103a193,https://echa.europa.eu/documents/10162/5a99cbfc-fd8b-df56-af12-c39a5c6cc8ce</a>	
glutaral		203-856-5	111-30-8	Respiratory sensitising properties (Article 57(f) - human health)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/f8bab22e-f605-bbed-66eb-1332835436f9">https://echa.europa.eu/documents/10162/f8bab22e-f605-bbed-66eb-1332835436f9</a>	<a href="https://echa.europa.eu/documents/10162/b5ed1907-5313-68e0-c7a7-751d9de47330">https://echa.europa.eu/documents/10162/b5ed1907-5313-68e0-c7a7-751d9de47330</a>	<a href="https://echa.europa.eu/documents/10162/c02d3fc8-772e-14d0-1eda-2db650aa0b8f">https://echa.europa.eu/documents/10162/c02d3fc8-772e-14d0-1eda-2db650aa0b8f</a>	<a href="https://echa.europa.eu/documents/10162/6e8721b5-cda7-662b-17e5-2f395fe0d521">https://echa.europa.eu/documents/10162/6e8721b5-cda7-662b-17e5-2f395fe0d521</a>	
4,4'-(1-methylpropylidene)bisphenol		201-025-1	77-40-7	Endocrine disrupting properties (Article 57(f) - environment),Endocrine disrupting properties (Article 57(f) - human health)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/ab77aafb-7b98-5cbb-3416-fc28e393a48e">https://echa.europa.eu/documents/10162/ab77aafb-7b98-5cbb-3416-fc28e393a48e</a>	<a href="https://echa.europa.eu/documents/10162/6755b6f5-11e8-ba1f-8168-6325fad64bce">https://echa.europa.eu/documents/10162/6755b6f5-11e8-ba1f-8168-6325fad64bce</a>	<a href="https://echa.europa.eu/documents/10162/dd9e01dd-8aac-8ecc-4c39-4da6c92c2ec8">https://echa.europa.eu/documents/10162/dd9e01dd-8aac-8ecc-4c39-4da6c92c2ec8</a>	<a href="https://echa.europa.eu/documents/10162/141706c5-95f0-5197-6ab0-3287bc0e7f46">https://echa.europa.eu/documents/10162/141706c5-95f0-5197-6ab0-3287bc0e7f46</a>	
2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers		-	-	Toxic for reproduction (Article 57c)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/142cc638-9c2b-b2d2-09da-b38806ba7565">https://echa.europa.eu/documents/10162/142cc638-9c2b-b2d2-09da-b38806ba7565</a>	<a href="https://echa.europa.eu/documents/10162/17f27f86-efe0-c723-32b5-f774ae31a16">https://echa.europa.eu/documents/10162/17f27f86-efe0-c723-32b5-f774ae31a16</a>	<a href="https://echa.europa.eu/documents/10162/fc185a73-227f-328a-c6c2-e77f848f53c6">https://echa.europa.eu/documents/10162/fc185a73-227f-328a-c6c2-e77f848f53c6</a>	<a href="https://echa.europa.eu/documents/10162/276ad049-1ceb-e417-b4a7-2c72322e0ce5">https://echa.europa.eu/documents/10162/276ad049-1ceb-e417-b4a7-2c72322e0ce5</a>	
(2R)-3-(4-tert-butylphenyl)-2-methylpropanal		-	75166-31-3	Toxic for reproduction (Article 57c)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/142cc638-9c2b-b2d2-09da-b38806ba7565">https://echa.europa.eu/documents/10162/142cc638-9c2b-b2d2-09da-b38806ba7565</a>	<a href="https://echa.europa.eu/documents/10162/17f27f86-efe0-c723-32b5-f774ae31a16">https://echa.europa.eu/documents/10162/17f27f86-efe0-c723-32b5-f774ae31a16</a>	<a href="https://echa.europa.eu/documents/10162/fc185a73-227f-328a-c6c2-e77f848f53c6">https://echa.europa.eu/documents/10162/fc185a73-227f-328a-c6c2-e77f848f53c6</a>	<a href="https://echa.europa.eu/documents/10162/276ad049-1ceb-e417-b4a7-2c72322e0ce5">https://echa.europa.eu/documents/10162/276ad049-1ceb-e417-b4a7-2c72322e0ce5</a>	
2-(4-tert-butylbenzyl)propionaldehyde		201-289-8	80-54-6	Toxic for reproduction (Article 57c)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/142cc638-9c2b-b2d2-09da-b38806ba7565">https://echa.europa.eu/documents/10162/142cc638-9c2b-b2d2-09da-b38806ba7565</a>	<a href="https://echa.europa.eu/documents/10162/17f27f86-efe0-c723-32b5-f774ae31a16">https://echa.europa.eu/documents/10162/17f27f86-efe0-c723-32b5-f774ae31a16</a>	<a href="https://echa.europa.eu/documents/10162/fc185a73-227f-328a-c6c2-e77f848f53c6">https://echa.europa.eu/documents/10162/fc185a73-227f-328a-c6c2-e77f848f53c6</a>	<a href="https://echa.europa.eu/documents/10162/276ad049-1ceb-e417-b4a7-2c72322e0ce5">https://echa.europa.eu/documents/10162/276ad049-1ceb-e417-b4a7-2c72322e0ce5</a>	
(2S)-3-(4-tert-butylphenyl)-2-methylpropanal		-	75166-30-2	Toxic for reproduction (Article 57c)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/142cc638-9c2b-b2d2-09da-b38806ba7565">https://echa.europa.eu/documents/10162/142cc638-9c2b-b2d2-09da-b38806ba7565</a>	<a href="https://echa.europa.eu/documents/10162/17f27f86-efe0-c723-32b5-f774ae31a16">https://echa.europa.eu/documents/10162/17f27f86-efe0-c723-32b5-f774ae31a16</a>	<a href="https://echa.europa.eu/documents/10162/fc185a73-227f-328a-c6c2-e77f848f53c6">https://echa.europa.eu/documents/10162/fc185a73-227f-328a-c6c2-e77f848f53c6</a>	<a href="https://echa.europa.eu/documents/10162/276ad049-1ceb-e417-b4a7-2c72322e0ce5">https://echa.europa.eu/documents/10162/276ad049-1ceb-e417-b4a7-2c72322e0ce5</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)		-	-	Carcinogenic (Article 57a)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/27d5b22f-c74a-00c5-e988-d0d4db720822">https://echa.europa.eu/documents/10162/27d5b22f-c74a-00c5-e988-d0d4db720822</a>	<a href="https://echa.europa.eu/documents/10162/12706f21-c551-9d0e-7b28-0c07bfc89be">https://echa.europa.eu/documents/10162/12706f21-c551-9d0e-7b28-0c07bfc89be</a>	<a href="https://echa.europa.eu/documents/10162/22d07e1a-0a10-7050-3dd7-c28264224db0">https://echa.europa.eu/documents/10162/22d07e1a-0a10-7050-3dd7-c28264224db0</a>	<a href="https://echa.europa.eu/documents/10162/97e7c76f-99adae48-dda3-fe76c5098e3f">https://echa.europa.eu/documents/10162/97e7c76f-99adae48-dda3-fe76c5098e3f</a>	
2,2-bis(bromomethyl)propane-1,3-diol (BMP)		221-967-7	3296-90-0	Carcinogenic (Article 57a)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/27d5b22f-c74a-00c5-e988-d0d4db720822">https://echa.europa.eu/documents/10162/27d5b22f-c74a-00c5-e988-d0d4db720822</a>	<a href="https://echa.europa.eu/documents/10162/12706f21-c551-9d0e-7b28-0c07bfc89be">https://echa.europa.eu/documents/10162/12706f21-c551-9d0e-7b28-0c07bfc89be</a>	<a href="https://echa.europa.eu/documents/10162/22d07e1a-0a10-7050-3dd7-c28264224db0">https://echa.europa.eu/documents/10162/22d07e1a-0a10-7050-3dd7-c28264224db0</a>	<a href="https://echa.europa.eu/documents/10162/97e7c76f-99adae48-dda3-fe76c5098e3f">https://echa.europa.eu/documents/10162/97e7c76f-99adae48-dda3-fe76c5098e3f</a>	
2,2-dimethylpropan-1-ol, tribromo derivative (TBNPA)		253-057-0	36483-57-5	Carcinogenic (Article 57a)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/27d5b22f-c74a-00c5-e988-d0d4db720822">https://echa.europa.eu/documents/10162/27d5b22f-c74a-00c5-e988-d0d4db720822</a>	<a href="https://echa.europa.eu/documents/10162/12706f21-c551-9d0e-7b28-0c07bfc89be">https://echa.europa.eu/documents/10162/12706f21-c551-9d0e-7b28-0c07bfc89be</a>	<a href="https://echa.europa.eu/documents/10162/22d07e1a-0a10-7050-3dd7-c28264224db0">https://echa.europa.eu/documents/10162/22d07e1a-0a10-7050-3dd7-c28264224db0</a>	<a href="https://echa.europa.eu/documents/10162/97e7c76f-99adae48-dda3-fe76c5098e3f">https://echa.europa.eu/documents/10162/97e7c76f-99adae48-dda3-fe76c5098e3f</a>	
2,3-dibromo-1-propanol (2,3-DBPA)		202-480-9	96-13-9	Carcinogenic (Article 57a)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/27d5b22f-c74a-00c5-e988-d0d4db720822">https://echa.europa.eu/documents/10162/27d5b22f-c74a-00c5-e988-d0d4db720822</a>	<a href="https://echa.europa.eu/documents/10162/12706f21-c551-9d0e-7b28-0c07bfc89be">https://echa.europa.eu/documents/10162/12706f21-c551-9d0e-7b28-0c07bfc89be</a>	<a href="https://echa.europa.eu/documents/10162/22d07e1a-0a10-7050-3dd7-c28264224db0">https://echa.europa.eu/documents/10162/22d07e1a-0a10-7050-3dd7-c28264224db0</a>	<a href="https://echa.europa.eu/documents/10162/97e7c76f-99adae48-dda3-fe76c5098e3f">https://echa.europa.eu/documents/10162/97e7c76f-99adae48-dda3-fe76c5098e3f</a>	
3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA)		-	1522-92-5	Carcinogenic (Article 57a)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/27d5b22f-c74a-00c5-e988-d0d4db720822">https://echa.europa.eu/documents/10162/27d5b22f-c74a-00c5-e988-d0d4db720822</a>	<a href="https://echa.europa.eu/documents/10162/12706f21-c551-9d0e-7b28-0c07bfc89be">https://echa.europa.eu/documents/10162/12706f21-c551-9d0e-7b28-0c07bfc89be</a>	<a href="https://echa.europa.eu/documents/10162/22d07e1a-0a10-7050-3dd7-c28264224db0">https://echa.europa.eu/documents/10162/22d07e1a-0a10-7050-3dd7-c28264224db0</a>	<a href="https://echa.europa.eu/documents/10162/97e7c76f-99adae48-dda3-fe76c5098e3f">https://echa.europa.eu/documents/10162/97e7c76f-99adae48-dda3-fe76c5098e3f</a>	
1,4-dioxane		204-661-8	123-91-1	Carcinogenic (Article 57a), Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health), Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	08-Jul-2021	<a href="https://echa.europa.eu/documents/10162/17ab47c9-f60e-ecbc-da78-474468076133">https://echa.europa.eu/documents/10162/17ab47c9-f60e-ecbc-da78-474468076133</a>	<a href="https://echa.europa.eu/documents/10162/031ccf23-e060-c12b-5978-757b21f51ef5">https://echa.europa.eu/documents/10162/031ccf23-e060-c12b-5978-757b21f51ef5</a>	<a href="https://echa.europa.eu/documents/10162/ce76bdd9-006a-19fc-05eb-4bb60daa0256">https://echa.europa.eu/documents/10162/ce76bdd9-006a-19fc-05eb-4bb60daa0256</a>	<a href="https://echa.europa.eu/documents/10162/9b5464f1-ef307e57-5184-10291c44328e">https://echa.europa.eu/documents/10162/9b5464f1-ef307e57-5184-10291c44328e</a>	
Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety		-	-	Toxic for reproduction (Article 57c)	19-Jan-2021	<a href="https://echa.europa.eu/documents/10162/77fc5894b-3785-4c7f-bba8-5a172ad287a7">https://echa.europa.eu/documents/10162/77fc5894b-3785-4c7f-bba8-5a172ad287a7</a>	<a href="https://echa.europa.eu/documents/10162/3daf4bfd-78b4-7e5a-717f-f8169e350d65">https://echa.europa.eu/documents/10162/3daf4bfd-78b4-7e5a-717f-f8169e350d65</a>	<a href="https://echa.europa.eu/documents/10162/879129fe-2615-0c9f-e91b-00b900d26c17">https://echa.europa.eu/documents/10162/879129fe-2615-0c9f-e91b-00b900d26c17</a>	<a href="https://echa.europa.eu/documents/10162/77d1dea-6e609311-7e9e-301686ef38c6">https://echa.europa.eu/documents/10162/77d1dea-6e609311-7e9e-301686ef38c6</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
dioctyltin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs.		-	-	Toxic for reproduction (Article 57c)	19-Jan-2021	<a href="https://echa.europa.eu/documents/10162/7fc5894b-3785-4c7f-bba8-5a172ad287a7">https://echa.europa.eu/documents/10162/7fc5894b-3785-4c7f-bba8-5a172ad287a7</a>	<a href="https://echa.europa.eu/documents/10162/3daf4bfd-78b4-7e5a-717f-f8169e350d65">https://echa.europa.eu/documents/10162/3daf4bfd-78b4-7e5a-717f-f8169e350d65</a>	<a href="https://echa.europa.eu/documents/10162/879129fe-2615-0c9f-e91b-00b900d26c17">https://echa.europa.eu/documents/10162/879129fe-2615-0c9f-e91b-00b900d26c17</a>	<a href="https://echa.europa.eu/documents/10162/77d1fdea-6e60-9311-7e9e-301686ef38c6">https://echa.europa.eu/documents/10162/77d1fdea-6e60-9311-7e9e-301686ef38c6</a>	
Stannane, dioctyl-, bis(coco acyloxy) derivs.		293-901-5	91648-39-4	Toxic for reproduction (Article 57c)	19-Jan-2021	<a href="https://echa.europa.eu/documents/10162/7fc5894b-3785-4c7f-bba8-5a172ad287a7">https://echa.europa.eu/documents/10162/7fc5894b-3785-4c7f-bba8-5a172ad287a7</a>	<a href="https://echa.europa.eu/documents/10162/3daf4bfd-78b4-7e5a-717f-f8169e350d65">https://echa.europa.eu/documents/10162/3daf4bfd-78b4-7e5a-717f-f8169e350d65</a>	<a href="https://echa.europa.eu/documents/10162/879129fe-2615-0c9f-e91b-00b900d26c17">https://echa.europa.eu/documents/10162/879129fe-2615-0c9f-e91b-00b900d26c17</a>	<a href="https://echa.europa.eu/documents/10162/77d1fdea-6e60-9311-7e9e-301686ef38c6">https://echa.europa.eu/documents/10162/77d1fdea-6e60-9311-7e9e-301686ef38c6</a>	
Dioctyltin dilaurate		222-883-3	3648-18-8	Toxic for reproduction (Article 57c)	19-Jan-2021	<a href="https://echa.europa.eu/documents/10162/7fc5894b-3785-4c7f-bba8-5a172ad287a7">https://echa.europa.eu/documents/10162/7fc5894b-3785-4c7f-bba8-5a172ad287a7</a>	<a href="https://echa.europa.eu/documents/10162/3daf4bfd-78b4-7e5a-717f-f8169e350d65">https://echa.europa.eu/documents/10162/3daf4bfd-78b4-7e5a-717f-f8169e350d65</a>	<a href="https://echa.europa.eu/documents/10162/879129fe-2615-0c9f-e91b-00b900d26c17">https://echa.europa.eu/documents/10162/879129fe-2615-0c9f-e91b-00b900d26c17</a>	<a href="https://echa.europa.eu/documents/10162/77d1fdea-6e60-9311-7e9e-301686ef38c6">https://echa.europa.eu/documents/10162/77d1fdea-6e60-9311-7e9e-301686ef38c6</a>	
Bis(2-(2-methoxyethoxy)ethyl)ether		205-594-7	143-24-8	Toxic for reproduction (Article 57c)	19-Jan-2021	<a href="https://echa.europa.eu/documents/10162/854c5708-b10f-7b75-52e7-968e7c448992">https://echa.europa.eu/documents/10162/854c5708-b10f-7b75-52e7-968e7c448992</a>	<a href="https://echa.europa.eu/documents/10162/b3398d8d-f30d-1db5-1cbc-094de67753cf">https://echa.europa.eu/documents/10162/b3398d8d-f30d-1db5-1cbc-094de67753cf</a>	<a href="https://echa.europa.eu/documents/10162/c99c2be3-8ba4-0a7c-4711-423639029884">https://echa.europa.eu/documents/10162/c99c2be3-8ba4-0a7c-4711-423639029884</a>	<a href="https://echa.europa.eu/documents/10162/3bdbc35b-91e1-3a8a-302a-2ba6313cc50e">https://echa.europa.eu/documents/10162/3bdbc35b-91e1-3a8a-302a-2ba6313cc50e</a>	
Dibutylbis(pentane-2,4-dionato-O,O')tin		245-152-0	22673-19-4	Toxic for reproduction (Article 57c)	25-Jun-2020	<a href="https://echa.europa.eu/documents/10162/10861be8-f130-266d-ca8f-c6c7139fe6d9">https://echa.europa.eu/documents/10162/10861be8-f130-266d-ca8f-c6c7139fe6d9</a>	<a href="https://echa.europa.eu/documents/10162/6f88822c-faae-8f80-7121-9e64752668dc">https://echa.europa.eu/documents/10162/6f88822c-faae-8f80-7121-9e64752668dc</a>	<a href="https://echa.europa.eu/documents/10162/741c3cb4-34b1-3dc3-a12b-07d651f6eb53">https://echa.europa.eu/documents/10162/741c3cb4-34b1-3dc3-a12b-07d651f6eb53</a>	<a href="https://echa.europa.eu/documents/10162/cd37b495-7065-d09f-74b4-40b39eef4e82">https://echa.europa.eu/documents/10162/cd37b495-7065-d09f-74b4-40b39eef4e82</a>	
Butyl 4-hydroxybenzoate		202-318-7	94-26-8	Endocrine disrupting properties (Article 57(f) - human health)	25-Jun-2020	<a href="https://echa.europa.eu/documents/10162/9227ca75-c14c-29ab-81ff-ee86058dd7a7">https://echa.europa.eu/documents/10162/9227ca75-c14c-29ab-81ff-ee86058dd7a7</a>	<a href="https://echa.europa.eu/documents/10162/59ed15a3-66ee-b8c8-1384-54277d0223eb">https://echa.europa.eu/documents/10162/59ed15a3-66ee-b8c8-1384-54277d0223eb</a>	<a href="https://echa.europa.eu/documents/10162/c61a924a-4b3a-d122-1343-d5557deb3029,https://echa.europa.eu/documents/10162/9c45b069-0fbf-c247-08c0-d0567c58a43e">https://echa.europa.eu/documents/10162/c61a924a-4b3a-d122-1343-d5557deb3029,https://echa.europa.eu/documents/10162/9c45b069-0fbf-c247-08c0-d0567c58a43e</a>	<a href="https://echa.europa.eu/documents/10162/d4447c8f-c2f4-df26-c06e-c0a4e93b20e9">https://echa.europa.eu/documents/10162/d4447c8f-c2f4-df26-c06e-c0a4e93b20e9</a>	
2-methylimidazole		211-765-7	693-98-1	Toxic for reproduction (Article 57c)	25-Jun-2020	<a href="https://echa.europa.eu/documents/10162/311cbdd73-6d35-06d9-35cd-42dc09362aa1">https://echa.europa.eu/documents/10162/311cbdd73-6d35-06d9-35cd-42dc09362aa1</a>	<a href="https://echa.europa.eu/documents/10162/99d34015-c23f-882d-ba9e-8404434bb456">https://echa.europa.eu/documents/10162/99d34015-c23f-882d-ba9e-8404434bb456</a>	<a href="https://echa.europa.eu/documents/10162/03e937e3-2f19-ad9d-6bd5-ab9ceae0d0c6">https://echa.europa.eu/documents/10162/03e937e3-2f19-ad9d-6bd5-ab9ceae0d0c6</a>	<a href="https://echa.europa.eu/documents/10162/23a73a48-dbec-b764-c3e0-f3f45a7cd36d">https://echa.europa.eu/documents/10162/23a73a48-dbec-b764-c3e0-f3f45a7cd36d</a>	
1-vinylimidazole		214-012-0	1072-63-5	Toxic for reproduction (Article 57c)	25-Jun-2020	<a href="https://echa.europa.eu/documents/10162/4b662f2b-020e-e3a9-c398-3a6d79b65c35">https://echa.europa.eu/documents/10162/4b662f2b-020e-e3a9-c398-3a6d79b65c35</a>	<a href="https://echa.europa.eu/documents/10162/24d19609-35d1-edaa-4aac-07db7025edde">https://echa.europa.eu/documents/10162/24d19609-35d1-edaa-4aac-07db7025edde</a>	<a href="https://echa.europa.eu/documents/10162/ce50a489-acc9-3908-e6af-d43fa4af292b">https://echa.europa.eu/documents/10162/ce50a489-acc9-3908-e6af-d43fa4af292b</a>	<a href="https://echa.europa.eu/documents/10162/36a36d48-2f35-cfe6-4bca-07870d3c65fd">https://echa.europa.eu/documents/10162/36a36d48-2f35-cfe6-4bca-07870d3c65fd</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Perfluorobutane sulfonic acid (PFBS) and its salts		-	-	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health), Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	16-Jan-2020	<a href="https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910">https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910</a>	<a href="https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652">https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652</a>	<a href="https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a">https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a</a>	<a href="https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9">https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9</a>	The combined intrinsic properties justifying the inclusion as a substance for which there is scientific evidence of probable serious effects to human health and the environment which give rise to an equivalent level of concern are the following: very high persistence, high mobility in water and soil, high potential for long-range transport, and difficulty of remediation and water purification as well as moderate bioaccumulation in humans. The observed probable serious effects for human health and the environment are thyroid hormonal disturbances and reproductive toxicity seen in rodents, and effects on liver, kidney and haematological system in rats, hormonal disturbances and effects on reproduction in marine medaka fish and effects on expression of hormone receptors in tadpoles. Together, these elements lead to a very high potential for irreversible effects.

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Potassium 1,1,2,2,3,3,4,4,4-nonaflu orobutane-1-sulphonate		249-616-3	29420-49-3	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health), Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	16-Jan-2020	<a href="https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910">https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910</a>	<a href="https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652">https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652</a>	<a href="https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a">https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a</a>	<a href="https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9">https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9</a>	The combined intrinsic properties justifying the inclusion as a substance for which there is scientific evidence of probable serious effects to human health and the environment which give rise to an equivalent level of concern are the following: very high persistence, high mobility in water and soil, high potential for long-range transport, and difficulty of remediation and water purification as well as moderate bioaccumulation in humans. The observed probable serious effects for human health and the environment are thyroid hormonal disturbances and reproductive toxicity seen in rodents, and effects on liver, kidney and haematological system in rats, hormonal disturbances and effects on reproduction in marine medaka fish and effects on expression of hormone receptors in tadpoles. Together, these elements lead to a very high potential for irreversible effects.

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate		269-513-7	68259-10-9	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health), Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	16-Jan-2020	<a href="https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910">https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910</a>	<a href="https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652">https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652</a>	<a href="https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a">https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a</a>	<a href="https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9">https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9</a>	The combined intrinsic properties justifying the inclusion as a substance for which there is scientific evidence of probable serious effects to human health and the environment which give rise to an equivalent level of concern are the following: very high persistence, high mobility in water and soil, high potential for long-range transport, and difficulty of remediation and water purification as well as moderate bioaccumulation in humans. The observed probable serious effects for human health and the environment are thyroid hormonal disturbances and reproductive toxicity seen in rodents, and effects on liver, kidney and haematological system in rats, hormonal disturbances and effects on reproduction in marine medaka fish and effects on expression of hormone receptors in tadpoles. Together, these elements lead to a very high potential for irreversible effects.

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid		206-793-1	375-73-5	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health), Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	16-Jan-2020	<a href="https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910">https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910</a>	<a href="https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652">https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652</a>	<a href="https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a">https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a</a>	<a href="https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9">https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9</a>	The combined intrinsic properties justifying the inclusion as a substance for which there is scientific evidence of probable serious effects to human health and the environment which give rise to an equivalent level of concern are the following: very high persistence, high mobility in water and soil, high potential for long-range transport, and difficulty of remediation and water purification as well as moderate bioaccumulation in humans. The observed probable serious effects for human health and the environment are thyroid hormonal disturbances and reproductive toxicity seen in rodents, and effects on liver, kidney and haematological system in rats, hormonal disturbances and effects on reproduction in marine medaka fish and effects on expression of hormone receptors in tadpoles. Together, these elements lead to a very high potential for irreversible effects.

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
magnesium perfluorobutanesulfonate		-	507453-86-3	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health), Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	16-Jan-2020	<a href="https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910">https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910</a>	<a href="https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652">https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652</a>	<a href="https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a">https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a</a>	<a href="https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9">https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9</a>	The combined intrinsic properties justifying the inclusion as a substance for which there is scientific evidence of probable serious effects to human health and the environment which give rise to an equivalent level of concern are the following: very high persistence, high mobility in water and soil, high potential for long-range transport, and difficulty of remediation and water purification as well as moderate bioaccumulation in humans. The observed probable serious effects for human health and the environment are thyroid hormonal disturbances and reproductive toxicity seen in rodents, and effects on liver, kidney and haematological system in rats, hormonal disturbances and effects on reproduction in marine medaka fish and effects on expression of hormone receptors in tadpoles. Together, these elements lead to a very high potential for irreversible effects.



Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
lithium perfluorobutanesulfonate		-	131651-65-5	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health), Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	16-Jan-2020	<a href="https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910">https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910</a>	<a href="https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652">https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652</a>	<a href="https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a">https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a</a>	<a href="https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9">https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9</a>	The combined intrinsic properties justifying the inclusion as a substance for which there is scientific evidence of probable serious effects to human health and the environment which give rise to an equivalent level of concern are the following: very high persistence, high mobility in water and soil, high potential for long-range transport, and difficulty of remediation and water purification as well as moderate bioaccumulation in humans. The observed probable serious effects for human health and the environment are thyroid hormonal disturbances and reproductive toxicity seen in rodents, and effects on liver, kidney and haematological system in rats, hormonal disturbances and effects on reproduction in marine medaka fish and effects on expression of hormone receptors in tadpoles. Together, these elements lead to a very high potential for irreversible effects.

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
N,N,N-triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafuorobutane-1-sulfonate		-	25628-08-4	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health), Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	16-Jan-2020	<a href="https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910">https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910</a>	<a href="https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652">https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652</a>	<a href="https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a">https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a</a>	<a href="https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9">https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9</a>	The combined intrinsic properties justifying the inclusion as a substance for which there is scientific evidence of probable serious effects to human health and the environment which give rise to an equivalent level of concern are the following: very high persistence, high mobility in water and soil, high potential for long-range transport, and difficulty of remediation and water purification as well as moderate bioaccumulation in humans. The observed probable serious effects for human health and the environment are thyroid hormonal disturbances and reproductive toxicity seen in rodents, and effects on liver, kidney and haematological system in rats, hormonal disturbances and effects on reproduction in marine medaka fish and effects on expression of hormone receptors in tadpoles. Together, these elements lead to a very high potential for irreversible effects.

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
bis(4-t-butylphenyl)iodonium perfluorobutanesulfonate		432-660-4	194999-85-4	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health), Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	16-Jan-2020	<a href="https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910">https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910</a>	<a href="https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652">https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652</a>	<a href="https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a">https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a</a>	<a href="https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9">https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9</a>	The combined intrinsic properties justifying the inclusion as a substance for which there is scientific evidence of probable serious effects to human health and the environment which give rise to an equivalent level of concern are the following: very high persistence, high mobility in water and soil, high potential for long-range transport, and difficulty of remediation and water purification as well as moderate bioaccumulation in humans. The observed probable serious effects for human health and the environment are thyroid hormonal disturbances and reproductive toxicity seen in rodents, and effects on liver, kidney and haematological system in rats, hormonal disturbances and effects on reproduction in marine medaka fish and effects on expression of hormone receptors in tadpoles. Together, these elements lead to a very high potential for irreversible effects.

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
tetrabutyl-phosphonium nonafluoro-butane-1-sulfonate		444-440-5	220689-12-3	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health), Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	16-Jan-2020	<a href="https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910">https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910</a>	<a href="https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652">https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652</a>	<a href="https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a">https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a</a>	<a href="https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9">https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9</a>	The combined intrinsic properties justifying the inclusion as a substance for which there is scientific evidence of probable serious effects to human health and the environment which give rise to an equivalent level of concern are the following: very high persistence, high mobility in water and soil, high potential for long-range transport, and difficulty of remediation and water purification as well as moderate bioaccumulation in humans. The observed probable serious effects for human health and the environment are thyroid hormonal disturbances and reproductive toxicity seen in rodents, and effects on liver, kidney and haematological system in rats, hormonal disturbances and effects on reproduction in marine medaka fish and effects on expression of hormone receptors in tadpoles. Together, these elements lead to a very high potential for irreversible effects.

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
dimethyl(phenyl)sulfaniamperfluorobutanesulfonate		452-310-4	220133-51-7	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health), Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	16-Jan-2020	<a href="https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910">https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910</a>	<a href="https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652">https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652</a>	<a href="https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a">https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a</a>	<a href="https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9">https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9</a>	The combined intrinsic properties justifying the inclusion as a substance for which there is scientific evidence of probable serious effects to human health and the environment which give rise to an equivalent level of concern are the following: very high persistence, high mobility in water and soil, high potential for long-range transport, and difficulty of remediation and water purification as well as moderate bioaccumulation in humans. The observed probable serious effects for human health and the environment are thyroid hormonal disturbances and reproductive toxicity seen in rodents, and effects on liver, kidney and haematological system in rats, hormonal disturbances and effects on reproduction in marine medaka fish and effects on expression of hormone receptors in tadpoles. Together, these elements lead to a very high potential for irreversible effects.

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
1-(4-butoxy-1-naphthalenyl)tetrahydrothiophenium 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate		468-770-4	-	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health), Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	16-Jan-2020	<a href="https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910">https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910</a>	<a href="https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652">https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652</a>	<a href="https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a">https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a</a>	<a href="https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9">https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9</a>	The combined intrinsic properties justifying the inclusion as a substance for which there is scientific evidence of probable serious effects to human health and the environment which give rise to an equivalent level of concern are the following: very high persistence, high mobility in water and soil, high potential for long-range transport, and difficulty of remediation and water purification as well as moderate bioaccumulation in humans. The observed probable serious effects for human health and the environment are thyroid hormonal disturbances and reproductive toxicity seen in rodents, and effects on liver, kidney and haematological system in rats, hormonal disturbances and effects on reproduction in marine medaka fish and effects on expression of hormone receptors in tadpoles. Together, these elements lead to a very high potential for irreversible effects.

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Triphenylsulfanium perfluorobutane sulfonate		478-340-8	144317-44-2	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health), Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	16-Jan-2020	<a href="https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910">https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910</a>	<a href="https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652">https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652</a>	<a href="https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a">https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a</a>	<a href="https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9">https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9</a>	The combined intrinsic properties justifying the inclusion as a substance for which there is scientific evidence of probable serious effects to human health and the environment which give rise to an equivalent level of concern are the following: very high persistence, high mobility in water and soil, high potential for long-range transport, and difficulty of remediation and water purification as well as moderate bioaccumulation in humans. The observed probable serious effects for human health and the environment are thyroid hormonal disturbances and reproductive toxicity seen in rodents, and effects on liver, kidney and haematological system in rats, hormonal disturbances and effects on reproduction in marine medaka fish and effects on expression of hormone receptors in tadpoles. Together, these elements lead to a very high potential for irreversible effects.

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
morpholinium perfluorobutanesulfonate		-	503155-89-3	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health), Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	16-Jan-2020	<a href="https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910">https://echa.europa.eu/documents/10162/079c04a0-2464-4168-f132-a22ffb04d910</a>	<a href="https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652">https://echa.europa.eu/documents/10162/53791353-6577-a9e8-5600-c5ef51864652</a>	<a href="https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a">https://echa.europa.eu/documents/10162/891ab33d-d263-cc4b-0f2d-d84cfb7f424a</a>	<a href="https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9">https://echa.europa.eu/documents/10162/84d51ffb-f3ac-f182-10f2-31c4d9386ab9</a>	The combined intrinsic properties justifying the inclusion as a substance for which there is scientific evidence of probable serious effects to human health and the environment which give rise to an equivalent level of concern are the following: very high persistence, high mobility in water and soil, high potential for long-range transport, and difficulty of remediation and water purification as well as moderate bioaccumulation in humans. The observed probable serious effects for human health and the environment are thyroid hormonal disturbances and reproductive toxicity seen in rodents, and effects on liver, kidney and haematological system in rats, hormonal disturbances and effects on reproduction in marine medaka fish and effects on expression of hormone receptors in tadpoles. Together, these elements lead to a very high potential for irreversible effects.
Diisohexyl phthalate		276-090-2	71850-09-4	Toxic for reproduction (Article 57c)	16-Jan-2020	<a href="https://echa.europa.eu/documents/10162/802ed481-8bf1-0096-61a4-0bbd2f9b573c">https://echa.europa.eu/documents/10162/802ed481-8bf1-0096-61a4-0bbd2f9b573c</a>	<a href="https://echa.europa.eu/documents/10162/c9adb8d-3989-2380-cb54-f34940de0002">https://echa.europa.eu/documents/10162/c9adb8d-3989-2380-cb54-f34940de0002</a>	<a href="https://echa.europa.eu/documents/10162/cc11a6e1-0b26-8a5d-189d-417eb06a60d4">https://echa.europa.eu/documents/10162/cc11a6e1-0b26-8a5d-189d-417eb06a60d4</a>	<a href="https://echa.europa.eu/documents/10162/9f133792-ce5e-da2c-6a2c-8616ec336f6e">https://echa.europa.eu/documents/10162/9f133792-ce5e-da2c-6a2c-8616ec336f6e</a>	
2-methyl-1-(4-methylthio phenyl)-2-morpholinopropan-1-one	ACETOCURE 97; GENOCURE*PMP; IGM 4817; IRGACURE 907; SPEEDCURE 97	400-600-6	71868-10-5	Toxic for reproduction (Article 57c)	16-Jan-2020	<a href="https://echa.europa.eu/documents/10162/7d1e26b8-37af-4f0b-0d0f-5edb0b6e5a7f">https://echa.europa.eu/documents/10162/7d1e26b8-37af-4f0b-0d0f-5edb0b6e5a7f</a>	<a href="https://echa.europa.eu/documents/10162/e31382a6-3e8a-a858-da3d-614c10f6c75d">https://echa.europa.eu/documents/10162/e31382a6-3e8a-a858-da3d-614c10f6c75d</a>	<a href="https://echa.europa.eu/documents/10162/e4917be1-32fd-dbd6-e305-90f269d446dd">https://echa.europa.eu/documents/10162/e4917be1-32fd-dbd6-e305-90f269d446dd</a>	<a href="https://echa.europa.eu/documents/10162/4bd29548-f917-95c6-3c59-d6afd1e0901d">https://echa.europa.eu/documents/10162/4bd29548-f917-95c6-3c59-d6afd1e0901d</a>	
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	CG 25-369; IRGACURE 369; TK 11-319	404-360-3	119313-12-1	Toxic for reproduction (Article 57c)	16-Jan-2020	<a href="https://echa.europa.eu/documents/10162/ba42270a-93fe-7cde-6d41-7f7af4e00e66">https://echa.europa.eu/documents/10162/ba42270a-93fe-7cde-6d41-7f7af4e00e66</a>	<a href="https://echa.europa.eu/documents/10162/dfd0d651-604f-f33f-0831-3672c1cbb580">https://echa.europa.eu/documents/10162/dfd0d651-604f-f33f-0831-3672c1cbb580</a>	<a href="https://echa.europa.eu/documents/10162/6d5c6d89-bd66-3c04-4a31-f580476b88b4">https://echa.europa.eu/documents/10162/6d5c6d89-bd66-3c04-4a31-f580476b88b4</a>	<a href="https://echa.europa.eu/documents/10162/54890824-f79f-c051-6c29-2efb018be01a">https://echa.europa.eu/documents/10162/54890824-f79f-c051-6c29-2efb018be01a</a>	
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)		-	-	Endocrine disrupting properties (Article 57(f) - environment)	16-Jul-2019	<a href="https://echa.europa.eu/documents/10162/a661cbe6-c805-b9c7-1287-53dee5cd1df5">https://echa.europa.eu/documents/10162/a661cbe6-c805-b9c7-1287-53dee5cd1df5</a>	<a href="https://echa.europa.eu/documents/10162/8da7df6b-e62f-47f7-d9d1-154f8db267f8">https://echa.europa.eu/documents/10162/8da7df6b-e62f-47f7-d9d1-154f8db267f8</a>	<a href="https://echa.europa.eu/documents/10162/ceb2fc2c-78f2-627f-29ae-b37c0e91bc69">https://echa.europa.eu/documents/10162/ceb2fc2c-78f2-627f-29ae-b37c0e91bc69</a>	<a href="https://echa.europa.eu/documents/10162/70879c79-2312-31bd-09e5-558df06f19e2">https://echa.europa.eu/documents/10162/70879c79-2312-31bd-09e5-558df06f19e2</a>	



Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
tris(4-nonylphenyl, branched) phosphite		-	-	Endocrine disrupting properties (Article 57(f) - environment)	16-Jul-2019	<a href="https://echa.europa.eu/documents/10162/a661cbe6-c805-b9c7-1287-53dee5cd1df5">https://echa.europa.eu/documents/10162/a661cbe6-c805-b9c7-1287-53dee5cd1df5</a>	<a href="https://echa.europa.eu/documents/10162/8da7df6b-e62f-47f7-d9d1-154f8db267f8">https://echa.europa.eu/documents/10162/8da7df6b-e62f-47f7-d9d1-154f8db267f8</a>	<a href="https://echa.europa.eu/documents/10162/ceb2fc2c-78f2-627f-29ae-b37c0e91bc69">https://echa.europa.eu/documents/10162/ceb2fc2c-78f2-627f-29ae-b37c0e91bc69</a>	<a href="https://echa.europa.eu/documents/10162/70879c79-2312-31bd-09e5-558df06f19e2">https://echa.europa.eu/documents/10162/70879c79-2312-31bd-09e5-558df06f19e2</a>	
Phenol, p-sec-nonyl-, phosphite		-	106599-06-8	Endocrine disrupting properties (Article 57(f) - environment)	16-Jul-2019	<a href="https://echa.europa.eu/documents/10162/a661cbe6-c805-b9c7-1287-53dee5cd1df5">https://echa.europa.eu/documents/10162/a661cbe6-c805-b9c7-1287-53dee5cd1df5</a>	<a href="https://echa.europa.eu/documents/10162/8da7df6b-e62f-47f7-d9d1-154f8db267f8">https://echa.europa.eu/documents/10162/8da7df6b-e62f-47f7-d9d1-154f8db267f8</a>	<a href="https://echa.europa.eu/documents/10162/ceb2fc2c-78f2-627f-29ae-b37c0e91bc69">https://echa.europa.eu/documents/10162/ceb2fc2c-78f2-627f-29ae-b37c0e91bc69</a>	<a href="https://echa.europa.eu/documents/10162/70879c79-2312-31bd-09e5-558df06f19e2">https://echa.europa.eu/documents/10162/70879c79-2312-31bd-09e5-558df06f19e2</a>	
tris(nonylphenyl) phosphite		247-759-6	26523-78-4	Endocrine disrupting properties (Article 57(f) - environment)	16-Jul-2019	<a href="https://echa.europa.eu/documents/10162/a661cbe6-c805-b9c7-1287-53dee5cd1df5">https://echa.europa.eu/documents/10162/a661cbe6-c805-b9c7-1287-53dee5cd1df5</a>	<a href="https://echa.europa.eu/documents/10162/8da7df6b-e62f-47f7-d9d1-154f8db267f8">https://echa.europa.eu/documents/10162/8da7df6b-e62f-47f7-d9d1-154f8db267f8</a>	<a href="https://echa.europa.eu/documents/10162/ceb2fc2c-78f2-627f-29ae-b37c0e91bc69">https://echa.europa.eu/documents/10162/ceb2fc2c-78f2-627f-29ae-b37c0e91bc69</a>	<a href="https://echa.europa.eu/documents/10162/70879c79-2312-31bd-09e5-558df06f19e2">https://echa.europa.eu/documents/10162/70879c79-2312-31bd-09e5-558df06f19e2</a>	
Phenol, 4-nonyl-, phosphite (3:1)		-	3050-88-2	Endocrine disrupting properties (Article 57(f) - environment)	16-Jul-2019	<a href="https://echa.europa.eu/documents/10162/a661cbe6-c805-b9c7-1287-53dee5cd1df5">https://echa.europa.eu/documents/10162/a661cbe6-c805-b9c7-1287-53dee5cd1df5</a>	<a href="https://echa.europa.eu/documents/10162/8da7df6b-e62f-47f7-d9d1-154f8db267f8">https://echa.europa.eu/documents/10162/8da7df6b-e62f-47f7-d9d1-154f8db267f8</a>	<a href="https://echa.europa.eu/documents/10162/ceb2fc2c-78f2-627f-29ae-b37c0e91bc69">https://echa.europa.eu/documents/10162/ceb2fc2c-78f2-627f-29ae-b37c0e91bc69</a>	<a href="https://echa.europa.eu/documents/10162/70879c79-2312-31bd-09e5-558df06f19e2">https://echa.europa.eu/documents/10162/70879c79-2312-31bd-09e5-558df06f19e2</a>	
Phenol, p-isononyl-, phosphite (3:1)		-	31631-13-7	Endocrine disrupting properties (Article 57(f) - environment)	16-Jul-2019	<a href="https://echa.europa.eu/documents/10162/a661cbe6-c805-b9c7-1287-53dee5cd1df5">https://echa.europa.eu/documents/10162/a661cbe6-c805-b9c7-1287-53dee5cd1df5</a>	<a href="https://echa.europa.eu/documents/10162/8da7df6b-e62f-47f7-d9d1-154f8db267f8">https://echa.europa.eu/documents/10162/8da7df6b-e62f-47f7-d9d1-154f8db267f8</a>	<a href="https://echa.europa.eu/documents/10162/ceb2fc2c-78f2-627f-29ae-b37c0e91bc69">https://echa.europa.eu/documents/10162/ceb2fc2c-78f2-627f-29ae-b37c0e91bc69</a>	<a href="https://echa.europa.eu/documents/10162/70879c79-2312-31bd-09e5-558df06f19e2">https://echa.europa.eu/documents/10162/70879c79-2312-31bd-09e5-558df06f19e2</a>	
4-tert-butylphenol		202-679-0	98-54-4	Endocrine disrupting properties (Article 57(f) - environment)	16-Jul-2019	<a href="https://echa.europa.eu/documents/10162/ca2542ab-a35b-1c00-5490-708d59332c38">https://echa.europa.eu/documents/10162/ca2542ab-a35b-1c00-5490-708d59332c38</a> , <a href="https://echa.europa.eu/documents/10162/99a7e1c6-2aa4-0c35-acc3-35ec26bb1ee8">https://echa.europa.eu/documents/10162/99a7e1c6-2aa4-0c35-acc3-35ec26bb1ee8</a>	<a href="https://echa.europa.eu/documents/10162/fedde563-03f7-51f0-85fd-1fceb0eaa18f">https://echa.europa.eu/documents/10162/fedde563-03f7-51f0-85fd-1fceb0eaa18f</a>	<a href="https://echa.europa.eu/documents/10162/41de4b52-51f3-84e9-3f9c-fa6f868139ad">https://echa.europa.eu/documents/10162/41de4b52-51f3-84e9-3f9c-fa6f868139ad</a>	<a href="https://echa.europa.eu/documents/10162/2c66d98c-d2a2-e146-265e-b8a1615e5c17">https://echa.europa.eu/documents/10162/2c66d98c-d2a2-e146-265e-b8a1615e5c17</a>	
2-methoxyethyl acetate		203-772-9	110-49-6	Toxic for reproduction (Article 57c)	16-Jul-2019	<a href="https://echa.europa.eu/documents/10162/b7bc601c-ad77-4e90-0cdf-2701a59478fb">https://echa.europa.eu/documents/10162/b7bc601c-ad77-4e90-0cdf-2701a59478fb</a>	<a href="https://echa.europa.eu/documents/10162/eea50979-c40b-f00f-b767-891e93941ee1">https://echa.europa.eu/documents/10162/eea50979-c40b-f00f-b767-891e93941ee1</a>	<a href="https://echa.europa.eu/documents/10162/874297f1-6d65-b808-a62e-5d23cc5f1e5c">https://echa.europa.eu/documents/10162/874297f1-6d65-b808-a62e-5d23cc5f1e5c</a>	<a href="https://echa.europa.eu/documents/10162/7357fc26-f169-a309-95b1-7693dada001b">https://echa.europa.eu/documents/10162/7357fc26-f169-a309-95b1-7693dada001b</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	covering any of their individual isomers and combinations thereof	-	-	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health), Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	16-Jul-2019	<a href="https://echa.europa.eu/documents/10162/10162/53fa6a5b-e95f-3128-ea9d-fa27f43b18bc">https://echa.europa.eu/documents/10162/10162/53fa6a5b-e95f-3128-ea9d-fa27f43b18bc</a>	<a href="https://echa.europa.eu/documents/10162/c07bc76c-4d62-7799-d0d4-17e43508aeb0">https://echa.europa.eu/documents/10162/c07bc76c-4d62-7799-d0d4-17e43508aeb0</a>	<a href="https://echa.europa.eu/documents/10162/53fa6a5b-e95f-3128-ea9d-fa27f43b18bc">https://echa.europa.eu/documents/10162/53fa6a5b-e95f-3128-ea9d-fa27f43b18bc</a>	<a href="https://echa.europa.eu/documents/10162/5d5500fc-b935-f95c-02c7-d7722d1b795d">https://echa.europa.eu/documents/10162/5d5500fc-b935-f95c-02c7-d7722d1b795d</a>	The combined intrinsic properties justifying the inclusion for the Member State Committee as a substance for which there is scientific evidence of probable serious effects to human health and the environment which give rise to an equivalent level of concern are the following: Persistence, mobility, potential for long-range transport, observed adverse effects (at least the following probable effects for human health: effects on the liver, the kidney, and the haematological and immune systems and effects on development; at least the following probable effects for the environment: population relevant effects on birds and mammals); as well as low adsorption potential and high water solubility rendering the substance fully bioavailable for uptake via (drinking) water. Together, these elements lead to a very high potential for irreversible effects.

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate		-	62037-80-3	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health), Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	16-Jul-2019	<a href="https://echa.europa.eu/documents/10162/53fa6a5b-e95f-3128-ea9d-fa27f43b18bc">https://echa.europa.eu/documents/10162/53fa6a5b-e95f-3128-ea9d-fa27f43b18bc</a>	<a href="https://echa.europa.eu/documents/10162/c07bc76c-4d62-7799-d0d4-17e43508aeb0">https://echa.europa.eu/documents/10162/c07bc76c-4d62-7799-d0d4-17e43508aeb0</a>	<a href="https://echa.europa.eu/documents/10162/53fa6a5b-e95f-3128-ea9d-fa27f43b18bc">https://echa.europa.eu/documents/10162/53fa6a5b-e95f-3128-ea9d-fa27f43b18bc</a>	<a href="https://echa.europa.eu/documents/10162/5d5500fc-b935-f95c-02c7-d7722d1b795d">https://echa.europa.eu/documents/10162/5d5500fc-b935-f95c-02c7-d7722d1b795d</a>	The combined intrinsic properties justifying the inclusion for the Member State Committee as a substance for which there is scientific evidence of probable serious effects to human health and the environment which give rise to an equivalent level of concern are the following: Persistence, mobility, potential for long-range transport, observed adverse effects (at least the following probable effects for human health: effects on the liver, the kidney, and the haematological and immune systems and effects on development; at least the following probable effects for the environment: population relevant effects on birds and mammals); as well as low adsorption potential and high water solubility rendering the substance fully bioavailable for uptake via (drinking) water. Together, these elements lead to a very high potential for irreversible effects.

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid		236-236-8	13252-13-6	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health), Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	16-Jul-2019	<a href="https://echa.europa.eu/documents/10162/1c76aefc-fc86-a51c-b5c4-e358467ca832">https://echa.europa.eu/documents/10162/1c76aefc-fc86-a51c-b5c4-e358467ca832</a>	<a href="https://echa.europa.eu/documents/10162/c07bc76c-4d62-7799-d0d4-17e43508aeb0">https://echa.europa.eu/documents/10162/c07bc76c-4d62-7799-d0d4-17e43508aeb0</a>	<a href="https://echa.europa.eu/documents/10162/53fa6a5b-e95f-3128-ea9d-fa27f43b18bc">https://echa.europa.eu/documents/10162/53fa6a5b-e95f-3128-ea9d-fa27f43b18bc</a>	<a href="https://echa.europa.eu/documents/10162/5d5500fc-b935-f95c-02c7-d7722d1b795d">https://echa.europa.eu/documents/10162/5d5500fc-b935-f95c-02c7-d7722d1b795d</a>	The combined intrinsic properties justifying the inclusion for the Member State Committee as a substance for which there is scientific evidence of probable serious effects to human health and the environment which give rise to an equivalent level of concern are the following: Persistence, mobility, potential for long-range transport, observed adverse effects (at least the following probable effects for human health: effects on the liver, the kidney, and the haematological and immune systems and effects on development; at least the following probable effects for the environment: population relevant effects on birds and mammals); as well as low adsorption potential and high water solubility rendering the substance fully bioavailable for uptake via (drinking) water. Together, these elements lead to a very high potential for irreversible effects.

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionyl fluoride		218-173-8	2062-98-8	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health), Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	16-Jul-2019	<a href="https://echa.europa.eu/documents/10162/10162/53fa6a5b-e95f-3128-ea9d-fa27f43b18bc">https://echa.europa.eu/documents/10162/10162/53fa6a5b-e95f-3128-ea9d-fa27f43b18bc</a>	<a href="https://echa.europa.eu/documents/10162/c07bc76c-4d62-7799-d0d4-17e43508aeb0">https://echa.europa.eu/documents/10162/c07bc76c-4d62-7799-d0d4-17e43508aeb0</a>	<a href="https://echa.europa.eu/documents/10162/53fa6a5b-e95f-3128-ea9d-fa27f43b18bc">https://echa.europa.eu/documents/10162/53fa6a5b-e95f-3128-ea9d-fa27f43b18bc</a>	<a href="https://echa.europa.eu/documents/10162/5d5500fc-b935-f95c-02c7-d7722d1b795d">https://echa.europa.eu/documents/10162/5d5500fc-b935-f95c-02c7-d7722d1b795d</a>	The combined intrinsic properties justifying the inclusion for the Member State Committee as a substance for which there is scientific evidence of probable serious effects to human health and the environment which give rise to an equivalent level of concern are the following: Persistence, mobility, potential for long-range transport, observed adverse effects (at least the following probable effects for human health: effects on the liver, the kidney, and the haematological and immune systems and effects on development; at least the following probable effects for the environment: population relevant effects on birds and mammals); as well as low adsorption potential and high water solubility rendering the substance fully bioavailable for uptake via (drinking) water. Together, these elements lead to a very high potential for irreversible effects.

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate		266-578-3	67118-55-2	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health), Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	16-Jul-2019	<a href="https://echa.europa.eu/documents/10162/1c76aefc-fc86-a51c-b5c4-e358467ca832">https://echa.europa.eu/documents/10162/1c76aefc-fc86-a51c-b5c4-e358467ca832</a>	<a href="https://echa.europa.eu/documents/10162/c07bc76c-4d62-7799-d0d4-17e43508aeb0">https://echa.europa.eu/documents/10162/c07bc76c-4d62-7799-d0d4-17e43508aeb0</a>	<a href="https://echa.europa.eu/documents/10162/53fa6a5b-e95f-3128-ea9d-fa27f43b18bc">https://echa.europa.eu/documents/10162/53fa6a5b-e95f-3128-ea9d-fa27f43b18bc</a>	<a href="https://echa.europa.eu/documents/10162/5d5500fc-b935-f95c-02c7-d7722d1b795d">https://echa.europa.eu/documents/10162/5d5500fc-b935-f95c-02c7-d7722d1b795d</a>	The combined intrinsic properties justifying the inclusion for the Member State Committee as a substance for which there is scientific evidence of probable serious effects to human health and the environment which give rise to an equivalent level of concern are the following: Persistence, mobility, potential for long-range transport, observed adverse effects (at least the following probable effects for human health: effects on the liver, the kidney, and the haematological and immune systems and effects on development; at least the following probable effects for the environment: population relevant effects on birds and mammals); as well as low adsorption potential and high water solubility rendering the substance fully bioavailable for uptake via (drinking) water. Together, these elements lead to a very high potential for irreversible effects.

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (-)-		-	75579-40-7	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health), Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	16-Jul-2019	<a href="https://echa.europa.eu/documents/10162/fc76aefc-fc86-a5fc-b5c4-e358467ca832">https://echa.europa.eu/documents/10162/fc76aefc-fc86-a5fc-b5c4-e358467ca832</a>	<a href="https://echa.europa.eu/documents/10162/c07bc76c-4d62-7799-d0d4-17e43508aeb0">https://echa.europa.eu/documents/10162/c07bc76c-4d62-7799-d0d4-17e43508aeb0</a>	<a href="https://echa.europa.eu/documents/10162/53fa6a5b-e95f-3128-ea9d-fa27f43b18bc">https://echa.europa.eu/documents/10162/53fa6a5b-e95f-3128-ea9d-fa27f43b18bc</a>	<a href="https://echa.europa.eu/documents/10162/5d5500fc-b935-f95c-02c7-d7722d1b795d">https://echa.europa.eu/documents/10162/5d5500fc-b935-f95c-02c7-d7722d1b795d</a>	The combined intrinsic properties justifying the inclusion for the Member State Committee as a substance for which there is scientific evidence of probable serious effects to human health and the environment which give rise to an equivalent level of concern are the following: Persistence, mobility, potential for long-range transport, observed adverse effects (at least the following probable effects for human health: effects on the liver, the kidney, and the haematological and immune systems and effects on development; at least the following probable effects for the environment: population relevant effects on birds and mammals); as well as low adsorption potential and high water solubility rendering the substance fully bioavailable for uptake via (drinking) water. Together, these elements lead to a very high potential for irreversible effects.

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (+)-		-	75579-39-4	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health), Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	16-Jul-2019	<a href="https://echa.europa.eu/documents/10162/fc76aefc-fc86-a5fc-b5c4-e358467ca832">https://echa.europa.eu/documents/10162/fc76aefc-fc86-a5fc-b5c4-e358467ca832</a>	<a href="https://echa.europa.eu/documents/10162/c07bc76c-4d62-7799-d0d4-17e43508aeb0">https://echa.europa.eu/documents/10162/c07bc76c-4d62-7799-d0d4-17e43508aeb0</a>	<a href="https://echa.europa.eu/documents/10162/53fa6a5b-e95f-3128-ea9d-fa27f43b18bc">https://echa.europa.eu/documents/10162/53fa6a5b-e95f-3128-ea9d-fa27f43b18bc</a>	<a href="https://echa.europa.eu/documents/10162/5d5500fc-b935-f95c-02c7-d7722d1b795d">https://echa.europa.eu/documents/10162/5d5500fc-b935-f95c-02c7-d7722d1b795d</a>	The combined intrinsic properties justifying the inclusion for the Member State Committee as a substance for which there is scientific evidence of probable serious effects to human health and the environment which give rise to an equivalent level of concern are the following: Persistence, mobility, potential for long-range transport, observed adverse effects (at least the following probable effects for human health: effects on the liver, the kidney, and the haematological and immune systems and effects on development; at least the following probable effects for the environment: population relevant effects on birds and mammals); as well as low adsorption potential and high water solubility rendering the substance fully bioavailable for uptake via (drinking) water. Together, these elements lead to a very high potential for irreversible effects.
Pyrene		204-927-3	129-00-0	PBT (Article 57d), vPvB (Article 57e)	15-Jan-2019	<a href="https://echa.europa.eu/documents/10162/d6b1b306-6f05-9765-204a-689334527ef9">https://echa.europa.eu/documents/10162/d6b1b306-6f05-9765-204a-689334527ef9</a>	<a href="https://echa.europa.eu/documents/10162/bf9b02a4-6e4b-b1bf-2c58-6d61f5998817">https://echa.europa.eu/documents/10162/bf9b02a4-6e4b-b1bf-2c58-6d61f5998817</a>	<a href="https://echa.europa.eu/documents/10162/47121daf-04a7-6d4a-b0b6-595794d3e66c">https://echa.europa.eu/documents/10162/47121daf-04a7-6d4a-b0b6-595794d3e66c</a>	<a href="https://echa.europa.eu/documents/10162/e824171c-1263-b1a2-4438-c5add37de2fa">https://echa.europa.eu/documents/10162/e824171c-1263-b1a2-4438-c5add37de2fa</a>	
Phenanthrene		201-581-5	85-01-8	vPvB (Article 57e)	15-Jan-2019	<a href="https://echa.europa.eu/documents/10162/91535066-71da-d9b4-71cc-8d4003b7f983">https://echa.europa.eu/documents/10162/91535066-71da-d9b4-71cc-8d4003b7f983</a>	<a href="https://echa.europa.eu/documents/10162/efc23200-6f59-12c6-4b18-533a80aa7b4f">https://echa.europa.eu/documents/10162/efc23200-6f59-12c6-4b18-533a80aa7b4f</a>	<a href="https://echa.europa.eu/documents/10162/c62a1c4a-ceec-3a00-52a4-0a298f7d8bb3">https://echa.europa.eu/documents/10162/c62a1c4a-ceec-3a00-52a4-0a298f7d8bb3</a>	<a href="https://echa.europa.eu/documents/10162/12db6a91-9ac9-c4f6-4046-d6896ad9b3b2">https://echa.europa.eu/documents/10162/12db6a91-9ac9-c4f6-4046-d6896ad9b3b2</a>	
Fluoranthene		205-912-4	206-44-0	PBT (Article 57d), vPvB (Article 57e)	15-Jan-2019	<a href="https://echa.europa.eu/documents/10162/21272691-d1a0-3334-fde9-a0782d9354a2">https://echa.europa.eu/documents/10162/21272691-d1a0-3334-fde9-a0782d9354a2</a>	<a href="https://echa.europa.eu/documents/10162/375e39c4-c59b-bfbd-d156-a1bf2a959108">https://echa.europa.eu/documents/10162/375e39c4-c59b-bfbd-d156-a1bf2a959108</a>	<a href="https://echa.europa.eu/documents/10162/0d1ee6d4-1a47-0737-35c7-3503f0ca417">https://echa.europa.eu/documents/10162/0d1ee6d4-1a47-0737-35c7-3503f0ca417</a>	<a href="https://echa.europa.eu/documents/10162/b525e382-e27e-c609-2abf-ddd77d07ec44">https://echa.europa.eu/documents/10162/b525e382-e27e-c609-2abf-ddd77d07ec44</a>	
Benzo[k]fluoranthene		205-916-6	207-08-9	Carcinogenic (Article 57a), PBT (Article 57d), vPvB (Article 57e)	15-Jan-2019	<a href="https://echa.europa.eu/documents/10162/afa7d75c-b83f-fef0-ae10-41e70a1e57f7">https://echa.europa.eu/documents/10162/afa7d75c-b83f-fef0-ae10-41e70a1e57f7</a>	<a href="https://echa.europa.eu/documents/10162/ae8cb56-9884-9e35-34c7-0369a4703600">https://echa.europa.eu/documents/10162/ae8cb56-9884-9e35-34c7-0369a4703600</a>	<a href="https://echa.europa.eu/documents/10162/06cc1281-efd9-9845-0215-e6b0c94c94db">https://echa.europa.eu/documents/10162/06cc1281-efd9-9845-0215-e6b0c94c94db</a>	<a href="https://echa.europa.eu/documents/10162/f72dc11d-5f12-c4d8-c19c-40ec8daddac">https://echa.europa.eu/documents/10162/f72dc11d-5f12-c4d8-c19c-40ec8daddac</a>	
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	AP-5	401-720-1	6807-17-6	Toxic for reproduction (Article 57c)	15-Jan-2019	<a href="https://echa.europa.eu/documents/10162/562afd1b-00aa-32ab-1022-721917185b12">https://echa.europa.eu/documents/10162/562afd1b-00aa-32ab-1022-721917185b12</a>	<a href="https://echa.europa.eu/documents/10162/8ec5e70d-db99-d21c-c54b-9de01c41f435">https://echa.europa.eu/documents/10162/8ec5e70d-db99-d21c-c54b-9de01c41f435</a>	<a href="https://echa.europa.eu/documents/10162/76cf3fb1-07eb-ff40-f41c-251f8c657b33">https://echa.europa.eu/documents/10162/76cf3fb1-07eb-ff40-f41c-251f8c657b33</a>	<a href="https://echa.europa.eu/documents/10162/26b55c4f-92c0-e4b6-fa1a-973bd625ae0f">https://echa.europa.eu/documents/10162/26b55c4f-92c0-e4b6-fa1a-973bd625ae0f</a>	



Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	3-benzylidene camphor; 3-BC	239-139-9	15087-24-8	Endocrine disrupting properties (Article 57(f) - environment)	15-Jan-2019	<a href="https://echa.europa.eu/documents/10162/db2f223c-20a1-5318-d6b1-7a147d7f08c3">https://echa.europa.eu/documents/10162/db2f223c-20a1-5318-d6b1-7a147d7f08c3</a> , <a href="https://echa.europa.eu/documents/10162/56d708da-69e5-a7d1-e970-780352b8ed6a">https://echa.europa.eu/documents/10162/56d708da-69e5-a7d1-e970-780352b8ed6a</a>	<a href="https://echa.europa.eu/documents/10162/22f73d01-dfc1-15d5-a8fe-a29b460fa108">https://echa.europa.eu/documents/10162/22f73d01-dfc1-15d5-a8fe-a29b460fa108</a>	<a href="https://echa.europa.eu/documents/10162/84e7e600-0f73-6a4a-b246-19482576aa20">https://echa.europa.eu/documents/10162/84e7e600-0f73-6a4a-b246-19482576aa20</a> , <a href="https://echa.europa.eu/documents/10162/2e1c96ea-2918-90d2-9c23-e07effac4ec9">https://echa.europa.eu/documents/10162/2e1c96ea-2918-90d2-9c23-e07effac4ec9</a> , <a href="https://echa.europa.eu/documents/10162/0c80cbbd-998f-b415-f9be-9e3ced41f333">https://echa.europa.eu/documents/10162/0c80cbbd-998f-b415-f9be-9e3ced41f333</a>	<a href="https://echa.europa.eu/documents/10162/ca1d3937-2301-7a43-4b9e-1008ca84d3f6">https://echa.europa.eu/documents/10162/ca1d3937-2301-7a43-4b9e-1008ca84d3f6</a>	
Terphenyl, hydrogenated		262-967-7	61788-32-7	vPvB (Article 57e)	27-Jun-2018	<a href="https://echa.europa.eu/documents/10162/fc78f7e5-8f8a-de84-1141-499c5e021d31">https://echa.europa.eu/documents/10162/fc78f7e5-8f8a-de84-1141-499c5e021d31</a>	<a href="https://echa.europa.eu/documents/10162/b30abea4-5ba0-e195-f595-a617687ad1c1">https://echa.europa.eu/documents/10162/b30abea4-5ba0-e195-f595-a617687ad1c1</a>	<a href="https://echa.europa.eu/documents/10162/fb7a9167-7d65-dd4c-2aa2-b8182d4a8e37">https://echa.europa.eu/documents/10162/fb7a9167-7d65-dd4c-2aa2-b8182d4a8e37</a>	<a href="https://echa.europa.eu/documents/10162/421a040e-320b-5d39-8582-118bf23054f9">https://echa.europa.eu/documents/10162/421a040e-320b-5d39-8582-118bf23054f9</a>	
Octamethylcyclotetrasiloxane	D4	209-136-7	556-67-2	PBT (Article 57d),vPvB (Article 57e)	27-Jun-2018	<a href="https://echa.europa.eu/documents/10162/2be7bcbf-f797-c28c-2c67-939664155c7c">https://echa.europa.eu/documents/10162/2be7bcbf-f797-c28c-2c67-939664155c7c</a>	<a href="https://echa.europa.eu/documents/10162/1c5dc0f3-cd5c-7b71-044a-9167e3b03d99">https://echa.europa.eu/documents/10162/1c5dc0f3-cd5c-7b71-044a-9167e3b03d99</a>	<a href="https://echa.europa.eu/documents/10162/115f70a9-a387-1525-d49f-b715e84996e4">https://echa.europa.eu/documents/10162/115f70a9-a387-1525-d49f-b715e84996e4</a>	<a href="https://echa.europa.eu/documents/10162/e654e7d3-031c-0f5f-eae5-673c1dd03432">https://echa.europa.eu/documents/10162/e654e7d3-031c-0f5f-eae5-673c1dd03432</a>	
Lead		231-100-4	7439-92-1	Toxic for reproduction (Article 57c)	27-Jun-2018	<a href="https://echa.europa.eu/documents/10162/61ac8d81-6ea2-6ad0-ffef-95037c9182ce">https://echa.europa.eu/documents/10162/61ac8d81-6ea2-6ad0-ffef-95037c9182ce</a>	<a href="https://echa.europa.eu/documents/10162/79eec48e-c0b6-0d58-5218-ddb32ce0d22d">https://echa.europa.eu/documents/10162/79eec48e-c0b6-0d58-5218-ddb32ce0d22d</a>	<a href="https://echa.europa.eu/documents/10162/07a87920-1b8f-b0d9-b6a7-1c0b1c16c8c4">https://echa.europa.eu/documents/10162/07a87920-1b8f-b0d9-b6a7-1c0b1c16c8c4</a>	<a href="https://echa.europa.eu/documents/10162/aec05f99-6be1-d615-732f-ec4f68ab66e2">https://echa.europa.eu/documents/10162/aec05f99-6be1-d615-732f-ec4f68ab66e2</a>	
Ethylenediamine	EDA	203-468-6	107-15-3	Respiratory sensitising properties (Article 57(f) - human health)	27-Jun-2018	<a href="https://echa.europa.eu/documents/10162/2ed8a7b4-8e9f-2e3e-407d-819dbdaa1623">https://echa.europa.eu/documents/10162/2ed8a7b4-8e9f-2e3e-407d-819dbdaa1623</a>	<a href="https://echa.europa.eu/documents/10162/0fa2b79d-e520-b857-6572-61c49095b5a3">https://echa.europa.eu/documents/10162/0fa2b79d-e520-b857-6572-61c49095b5a3</a>	<a href="https://echa.europa.eu/documents/10162/f0a61fa4-64d1-2d19-35ed-d98134aec10d">https://echa.europa.eu/documents/10162/f0a61fa4-64d1-2d19-35ed-d98134aec10d</a>	<a href="https://echa.europa.eu/documents/10162/060c2b77-ce67-26fd-5117-43c52d6d7188">https://echa.europa.eu/documents/10162/060c2b77-ce67-26fd-5117-43c52d6d7188</a>	
Dodecamethylcyclohexasiloxane	D6	208-762-8	540-97-6	PBT (Article 57d),vPvB (Article 57e)	27-Jun-2018	<a href="https://echa.europa.eu/documents/10162/b11de9bc-6e60-01f9-cdeb-20fa3b7e864e">https://echa.europa.eu/documents/10162/b11de9bc-6e60-01f9-cdeb-20fa3b7e864e</a>	<a href="https://echa.europa.eu/documents/10162/9061869f-7e55-aaac-9ea5-761b9050a952">https://echa.europa.eu/documents/10162/9061869f-7e55-aaac-9ea5-761b9050a952</a>	<a href="https://echa.europa.eu/documents/10162/a9682f4b-fc3e-cd99-3db9-b0f9f383c3c5">https://echa.europa.eu/documents/10162/a9682f4b-fc3e-cd99-3db9-b0f9f383c3c5</a>	<a href="https://echa.europa.eu/documents/10162/45532e5e-8bbe-a3ee-bd1c-6c1640984c27">https://echa.europa.eu/documents/10162/45532e5e-8bbe-a3ee-bd1c-6c1640984c27</a>	Dodecamethylcyclohexasiloxane (D6) meets the criteria of Article 57 (d) of Regulation (EC) 1907/2006 (REACH) as a substance which is persistent, bioaccumulative and toxic when it contains ≥ 0.1 % w/w octamethylcyclotetrasiloxane (D4) (EC No. 209-136-7). In addition to its intrinsic properties, it also meets the criteria of Article 57 (e) of Regulation (EC) 1907/2006 (REACH) as a substance which is very persistent and very bioaccumulative (vPvB) when it contains ≥ 0.1 % w/w decamethylcyclopentasiloxane (D5) (EC No. 208-764-9) or ≥ 0.1% w/w octamethylcyclotetrasiloxane (D4) (EC No. 209-136-7).

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Disodium octaborate		234-541-0	12008-41-2	Toxic for reproduction (Article 57c)	27-Jun-2018	<a href="https://echa.europa.eu/documents/10162/74a5fdff-6a00-d3b4-4056-a5b24ee9ba6e">https://echa.europa.eu/documents/10162/74a5fdff-6a00-d3b4-4056-a5b24ee9ba6e</a>	<a href="https://echa.europa.eu/documents/10162/62353089-57f4-c7c7-64f9-291364883323">https://echa.europa.eu/documents/10162/62353089-57f4-c7c7-64f9-291364883323</a>	<a href="https://echa.europa.eu/documents/10162/24e48bb3-3a68-1dfa-ef39-6e9f4ef92720">https://echa.europa.eu/documents/10162/24e48bb3-3a68-1dfa-ef39-6e9f4ef92720</a>	<a href="https://echa.europa.eu/documents/10162/da7779d3-8314-7357-b82b-e6044a5dd6be">https://echa.europa.eu/documents/10162/da7779d3-8314-7357-b82b-e6044a5dd6be</a>	
Dicyclohexyl phthalate	DCHP	201-545-9	84-61-7	Toxic for reproduction (Article 57c), Endocrine disrupting properties (Article 57(f) - human health)	27-Jun-2018	<a href="https://echa.europa.eu/documents/10162/8c434af5-cfbc-c87e-aa51-65893e385d1f">https://echa.europa.eu/documents/10162/8c434af5-cfbc-c87e-aa51-65893e385d1f</a> , <a href="https://echa.europa.eu/documents/10162/2fe151f3-d425-cff3-fe31-d13c11afcc7a">https://echa.europa.eu/documents/10162/2fe151f3-d425-cff3-fe31-d13c11afcc7a</a>	<a href="https://echa.europa.eu/documents/10162/1be86650-c2d6-326e-1991-735cbf66ecbf">https://echa.europa.eu/documents/10162/1be86650-c2d6-326e-1991-735cbf66ecbf</a>	<a href="https://echa.europa.eu/documents/10162/919d3291-e835-609a-0800-03f64cda86b5">https://echa.europa.eu/documents/10162/919d3291-e835-609a-0800-03f64cda86b5</a> , <a href="https://echa.europa.eu/documents/10162/b2995010-92b6-183f-2a3c-e5b823b537c9">https://echa.europa.eu/documents/10162/b2995010-92b6-183f-2a3c-e5b823b537c9</a> , <a href="https://echa.europa.eu/documents/10162/73c5f83c-3fe6-e1a0-b756-9dfcebf1eb85">https://echa.europa.eu/documents/10162/73c5f83c-3fe6-e1a0-b756-9dfcebf1eb85</a>	<a href="https://echa.europa.eu/documents/10162/a0f00120-5e32-7c74-0b7f-9c92f84cb38c">https://echa.europa.eu/documents/10162/a0f00120-5e32-7c74-0b7f-9c92f84cb38c</a>	
Decamethylcyclopentasiloxane	D5	208-764-9	541-02-6	PBT (Article 57d), vPvB (Article 57e)	27-Jun-2018	<a href="https://echa.europa.eu/documents/10162/1b8ab766-b3ff-840f-a0bd-f1ade391745d">https://echa.europa.eu/documents/10162/1b8ab766-b3ff-840f-a0bd-f1ade391745d</a>	<a href="https://echa.europa.eu/documents/10162/32855182-9c49-d41f-150a-b6a6aa012fff">https://echa.europa.eu/documents/10162/32855182-9c49-d41f-150a-b6a6aa012fff</a>	<a href="https://echa.europa.eu/documents/10162/ddd97c9a-fe79-6f50-ff1a-c1d4bf305aab">https://echa.europa.eu/documents/10162/ddd97c9a-fe79-6f50-ff1a-c1d4bf305aab</a>	<a href="https://echa.europa.eu/documents/10162/4c47a1f3-3513-d688-6f46-32a4023415a5">https://echa.europa.eu/documents/10162/4c47a1f3-3513-d688-6f46-32a4023415a5</a>	Decamethylcyclopentasiloxane (D5) meets the criteria of Article 57 (d) of Regulation (EC) 1907/2006 (REACH) as a substance which is persistent, bioaccumulative and toxic when it contains ≥ 0.1 % w/w octamethylcyclotetrasiloxane (D4) (EC No: 209-136-7).
Benzo[ghi]perylene		205-883-8	191-24-2	PBT (Article 57d), vPvB (Article 57e)	27-Jun-2018	<a href="https://echa.europa.eu/documents/10162/ef81b8a3-7ec8-1380-d2ff-db1ceae26073">https://echa.europa.eu/documents/10162/ef81b8a3-7ec8-1380-d2ff-db1ceae26073</a>	<a href="https://echa.europa.eu/documents/10162/16752063-ed16-d532-0418-8613beeceab0">https://echa.europa.eu/documents/10162/16752063-ed16-d532-0418-8613beeceab0</a>	<a href="https://echa.europa.eu/documents/10162/b45e78cd-5d70-0dd9-e895-e9fa89ab43d0">https://echa.europa.eu/documents/10162/b45e78cd-5d70-0dd9-e895-e9fa89ab43d0</a>	<a href="https://echa.europa.eu/documents/10162/2d44cd37-2ac3-7cfc-a643-670a075df973">https://echa.europa.eu/documents/10162/2d44cd37-2ac3-7cfc-a643-670a075df973</a>	
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride	trimellitic anhydride; TMA	209-008-0	552-30-7	Respiratory sensitising properties (Article 57(f) - human health)	27-Jun-2018	<a href="https://echa.europa.eu/documents/10162/996c1b49-d6f7-5899-c94a-43a04d98ef94">https://echa.europa.eu/documents/10162/996c1b49-d6f7-5899-c94a-43a04d98ef94</a> , <a href="https://echa.europa.eu/documents/10162/a6547852-e697-84ec-512c-5ba264ecf09e">https://echa.europa.eu/documents/10162/a6547852-e697-84ec-512c-5ba264ecf09e</a>	<a href="https://echa.europa.eu/documents/10162/358de08d-e71f-b578-e833-71fec1df75d2">https://echa.europa.eu/documents/10162/358de08d-e71f-b578-e833-71fec1df75d2</a>	<a href="https://echa.europa.eu/documents/10162/c2b11ef6-5ca8-ba78-da4b-38baa59ac416">https://echa.europa.eu/documents/10162/c2b11ef6-5ca8-ba78-da4b-38baa59ac416</a> , <a href="https://echa.europa.eu/documents/10162/e3f5cdaa-1633-1c3e-a50f-9fae7da39104">https://echa.europa.eu/documents/10162/e3f5cdaa-1633-1c3e-a50f-9fae7da39104</a> , <a href="https://echa.europa.eu/documents/10162/4a628698-2072-0f8c-336e-4a20965aa7a5">https://echa.europa.eu/documents/10162/4a628698-2072-0f8c-336e-4a20965aa7a5</a>	<a href="https://echa.europa.eu/documents/10162/63cd8fa3-4a72-4ddb-b4b0-100ef95048e0">https://echa.europa.eu/documents/10162/63cd8fa3-4a72-4ddb-b4b0-100ef95048e0</a>	
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	with ≥ 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)	-	-	Endocrine disrupting properties (Article 57(f) - environment)	15-Jan-2018	<a href="https://echa.europa.eu/documents/10162/339e0894-361d-ab6c-615f-7e201376d128">https://echa.europa.eu/documents/10162/339e0894-361d-ab6c-615f-7e201376d128</a>	<a href="https://echa.europa.eu/documents/10162/c8ea7b6a-06bc-eeaf-ae4d-3d980a6078bc">https://echa.europa.eu/documents/10162/c8ea7b6a-06bc-eeaf-ae4d-3d980a6078bc</a>	<a href="https://echa.europa.eu/documents/10162/2064f792-8443-873c-27de-ee18f593b59">https://echa.europa.eu/documents/10162/2064f792-8443-873c-27de-ee18f593b59</a> , <a href="https://echa.europa.eu/documents/10162/b33d78f4-946c-1d4d-e923-1ade7869c464">https://echa.europa.eu/documents/10162/b33d78f4-946c-1d4d-e923-1ade7869c464</a>	<a href="https://echa.europa.eu/documents/10162/662821c8-16be-e02e-e52f-6e214b6041d5">https://echa.europa.eu/documents/10162/662821c8-16be-e02e-e52f-6e214b6041d5</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs.		-	1471311-26-8	Endocrine disrupting properties (Article 57(f) - environment)	15-Jan-2018	<a href="https://echa.europa.eu/documents/10162/339e0894-361d-ab6c-615f-7e201376d128">https://echa.europa.eu/documents/10162/339e0894-361d-ab6c-615f-7e201376d128</a>	<a href="https://echa.europa.eu/documents/10162/c8ea7b6a-06bc-eeaf-ae4d-3d980a6078bc">https://echa.europa.eu/documents/10162/c8ea7b6a-06bc-eeaf-ae4d-3d980a6078bc</a>	<a href="https://echa.europa.eu/documents/10162/2064f792-8443-873c-27de-ee18f593b59">https://echa.europa.eu/documents/10162/2064f792-8443-873c-27de-ee18f593b59</a> , <a href="https://echa.europa.eu/documents/10162/b33d78f4-946c-1d4d-e923-1ade7869c464">https://echa.europa.eu/documents/10162/b33d78f4-946c-1d4d-e923-1ade7869c464</a>	<a href="https://echa.europa.eu/documents/10162/662821c8-16be-e02e-e52f-6e214b6041d5">https://echa.europa.eu/documents/10162/662821c8-16be-e02e-e52f-6e214b6041d5</a>	
Formaldehyde, reaction products with branched and linear heptylphenol, carbon disulfide and hydrazine		300-298-5	93925-00-9	Endocrine disrupting properties (Article 57(f) - environment)	15-Jan-2018	<a href="https://echa.europa.eu/documents/10162/339e0894-361d-ab6c-615f-7e201376d128">https://echa.europa.eu/documents/10162/339e0894-361d-ab6c-615f-7e201376d128</a>	<a href="https://echa.europa.eu/documents/10162/c8ea7b6a-06bc-eeaf-ae4d-3d980a6078bc">https://echa.europa.eu/documents/10162/c8ea7b6a-06bc-eeaf-ae4d-3d980a6078bc</a>	<a href="https://echa.europa.eu/documents/10162/2064f792-8443-873c-27de-ee18f593b59">https://echa.europa.eu/documents/10162/2064f792-8443-873c-27de-ee18f593b59</a> , <a href="https://echa.europa.eu/documents/10162/b33d78f4-946c-1d4d-e923-1ade7869c464">https://echa.europa.eu/documents/10162/b33d78f4-946c-1d4d-e923-1ade7869c464</a>	<a href="https://echa.europa.eu/documents/10162/662821c8-16be-e02e-e52f-6e214b6041d5">https://echa.europa.eu/documents/10162/662821c8-16be-e02e-e52f-6e214b6041d5</a>	
Chrysene		205-923-4	218-01-9	Carcinogenic (Article 57a),PBT (Article 57d),vPvB (Article 57e)	15-Jan-2018	<a href="https://echa.europa.eu/documents/10162/a7438bc1-a7fd-caef-d74a-ca33fc0f3610">https://echa.europa.eu/documents/10162/a7438bc1-a7fd-caef-d74a-ca33fc0f3610</a>	<a href="https://echa.europa.eu/documents/10162/2b898da9-812d-8a07-e059-e81d2c2883cb">https://echa.europa.eu/documents/10162/2b898da9-812d-8a07-e059-e81d2c2883cb</a>	<a href="https://echa.europa.eu/documents/10162/92791ee1-40a6-f4dd-a2fe-927f6f1cb478">https://echa.europa.eu/documents/10162/92791ee1-40a6-f4dd-a2fe-927f6f1cb478</a>	<a href="https://echa.europa.eu/documents/10162/e3f6792d-7e59-654f-b90e-2149525906cd">https://echa.europa.eu/documents/10162/e3f6792d-7e59-654f-b90e-2149525906cd</a>	
Cadmium nitrate		233-710-6	10325-94-7	Carcinogenic (Article 57a),Mutagenic (Article 57b),Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	15-Jan-2018	<a href="https://echa.europa.eu/documents/10162/d1e3a2d5-13a6-c5da-62cf-2d581d94b87d">https://echa.europa.eu/documents/10162/d1e3a2d5-13a6-c5da-62cf-2d581d94b87d</a>	<a href="https://echa.europa.eu/documents/10162/8b38c499-dad0-ee30-11ab-198b55b2e69d">https://echa.europa.eu/documents/10162/8b38c499-dad0-ee30-11ab-198b55b2e69d</a>	<a href="https://echa.europa.eu/documents/10162/ac791555-9e63-3208-e176-cd0fdb4bfd0">https://echa.europa.eu/documents/10162/ac791555-9e63-3208-e176-cd0fdb4bfd0</a>	<a href="https://echa.europa.eu/documents/10162/264dda83-c2e5-7c7b-0c1f-57a7cc32afe4">https://echa.europa.eu/documents/10162/264dda83-c2e5-7c7b-0c1f-57a7cc32afe4</a>	
Cadmium hydroxide		244-168-5	21041-95-2	Carcinogenic (Article 57a),Mutagenic (Article 57b),Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	15-Jan-2018	<a href="https://echa.europa.eu/documents/10162/deb481e6-b2f3-9792-7d2b-260a1f383dc1">https://echa.europa.eu/documents/10162/deb481e6-b2f3-9792-7d2b-260a1f383dc1</a>	<a href="https://echa.europa.eu/documents/10162/d6ad39ad-bbf7-562c-2042-a823ed29cc1e">https://echa.europa.eu/documents/10162/d6ad39ad-bbf7-562c-2042-a823ed29cc1e</a>	<a href="https://echa.europa.eu/documents/10162/38688481-353e-bac2-e83e-68f4c772aac7">https://echa.europa.eu/documents/10162/38688481-353e-bac2-e83e-68f4c772aac7</a>	<a href="https://echa.europa.eu/documents/10162/0252778f-258a-2b3d-7765-0291f9e3c45">https://echa.europa.eu/documents/10162/0252778f-258a-2b3d-7765-0291f9e3c45</a>	
Cadmium carbonate		208-168-9	513-78-0	Carcinogenic (Article 57a),Mutagenic (Article 57b),Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	15-Jan-2018	<a href="https://echa.europa.eu/documents/10162/53cfe3-40e9-8d3d-b52d-87a9d828871d">https://echa.europa.eu/documents/10162/53cfe3-40e9-8d3d-b52d-87a9d828871d</a>	<a href="https://echa.europa.eu/documents/10162/31f9a47b-191c-526e-0446-f10162fd312c">https://echa.europa.eu/documents/10162/31f9a47b-191c-526e-0446-f10162fd312c</a>	<a href="https://echa.europa.eu/documents/10162/acc7ace6-0118-6d74-4446-38f5bbe0b6b6">https://echa.europa.eu/documents/10162/acc7ace6-0118-6d74-4446-38f5bbe0b6b6</a>	<a href="https://echa.europa.eu/documents/10162/c26799d3-6187-0494-1cc4-af9c9645b1b3">https://echa.europa.eu/documents/10162/c26799d3-6187-0494-1cc4-af9c9645b1b3</a>	
Benz[a]anthracene		200-280-6	56-55-3	Carcinogenic (Article 57a),PBT (Article 57d),vPvB (Article 57e)	15-Jan-2018	<a href="https://echa.europa.eu/documents/10162/6adbea83-2790-92a4-06cd-ce39c4bf3211">https://echa.europa.eu/documents/10162/6adbea83-2790-92a4-06cd-ce39c4bf3211</a>	<a href="https://echa.europa.eu/documents/10162/7d8ac604-d716-4a97-8682-d3d5e5c4158f">https://echa.europa.eu/documents/10162/7d8ac604-d716-4a97-8682-d3d5e5c4158f</a>	<a href="https://echa.europa.eu/documents/10162/75ad552f-1e59-2599-e379-55ecec998d3f">https://echa.europa.eu/documents/10162/75ad552f-1e59-2599-e379-55ecec998d3f</a>	<a href="https://echa.europa.eu/documents/10162/efef93e7-63f5-75b8-9f6e-d260b0c595ab">https://echa.europa.eu/documents/10162/efef93e7-63f5-75b8-9f6e-d260b0c595ab</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9,02,13.05,10]octadeca-7,15-diene (â€œDecchlorane Plusâ€œâ,ç)	covering any of its individual anti- and syn-isomers or any combination thereof	-	-	vPvB (Article 57e)	15-Jan-2018	<a href="https://echa.europa.eu/documents/10162/48495b62-d4d3-e6fc-bf86-f42fd4f2e6dc">https://echa.europa.eu/documents/10162/48495b62-d4d3-e6fc-bf86-f42fd4f2e6dc</a>	<a href="https://echa.europa.eu/documents/10162/78fb98fd-a8e7-31a3-f910-f2ba-d587d8a6">https://echa.europa.eu/documents/10162/78fb98fd-a8e7-31a3-f910-f2ba-d587d8a6</a>	<a href="https://echa.europa.eu/documents/10162/9aa77dde-f0fc-4422-2c00-55b620e57552,https://echa.europa.eu/documents/10162/97b3c3bf-f38a-f3e2-6b53-45654bcc02dc">https://echa.europa.eu/documents/10162/9aa77dde-f0fc-4422-2c00-55b620e57552,https://echa.europa.eu/documents/10162/97b3c3bf-f38a-f3e2-6b53-45654bcc02dc</a>	<a href="https://echa.europa.eu/documents/10162/72b812a4-77eb-be74-c5bb-694b20017d58">https://echa.europa.eu/documents/10162/72b812a4-77eb-be74-c5bb-694b20017d58</a>	
(1S,2S,5R,6R,9S,10S,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1â••â••0â••â••0â••â••,â••â••]octadeca-7,15-diene		-	135821-03-3	vPvB (Article 57e)	15-Jan-2018	<a href="https://echa.europa.eu/documents/10162/48495b62-d4d3-e6fc-bf86-f42fd4f2e6dc">https://echa.europa.eu/documents/10162/48495b62-d4d3-e6fc-bf86-f42fd4f2e6dc</a>	<a href="https://echa.europa.eu/documents/10162/78fb98fd-a8e7-31a3-f910-f2ba-d587d8a6">https://echa.europa.eu/documents/10162/78fb98fd-a8e7-31a3-f910-f2ba-d587d8a6</a>	<a href="https://echa.europa.eu/documents/10162/9aa77dde-f0fc-4422-2c00-55b620e57552,https://echa.europa.eu/documents/10162/97b3c3bf-f38a-f3e2-6b53-45654bcc02dc">https://echa.europa.eu/documents/10162/9aa77dde-f0fc-4422-2c00-55b620e57552,https://echa.europa.eu/documents/10162/97b3c3bf-f38a-f3e2-6b53-45654bcc02dc</a>	<a href="https://echa.europa.eu/documents/10162/72b812a4-77eb-be74-c5bb-694b20017d58">https://echa.europa.eu/documents/10162/72b812a4-77eb-be74-c5bb-694b20017d58</a>	
(1S,2S,5S,6S,9R,10R,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1â••â••0â••â••0â••â••,â••â••]octadeca-7,15-diene		-	135821-74-8	vPvB (Article 57e)	15-Jan-2018	<a href="https://echa.europa.eu/documents/10162/48495b62-d4d3-e6fc-bf86-f42fd4f2e6dc">https://echa.europa.eu/documents/10162/48495b62-d4d3-e6fc-bf86-f42fd4f2e6dc</a>	<a href="https://echa.europa.eu/documents/10162/78fb98fd-a8e7-31a3-f910-f2ba-d587d8a6">https://echa.europa.eu/documents/10162/78fb98fd-a8e7-31a3-f910-f2ba-d587d8a6</a>	<a href="https://echa.europa.eu/documents/10162/9aa77dde-f0fc-4422-2c00-55b620e57552,https://echa.europa.eu/documents/10162/97b3c3bf-f38a-f3e2-6b53-45654bcc02dc">https://echa.europa.eu/documents/10162/9aa77dde-f0fc-4422-2c00-55b620e57552,https://echa.europa.eu/documents/10162/97b3c3bf-f38a-f3e2-6b53-45654bcc02dc</a>	<a href="https://echa.europa.eu/documents/10162/72b812a4-77eb-be74-c5bb-694b20017d58">https://echa.europa.eu/documents/10162/72b812a4-77eb-be74-c5bb-694b20017d58</a>	
1,6,7,8,9,14,15,16,17,17,18,18-dodecachloropentacyclo[12.2.1.16,9,02,13.05,10]octadeca-7,15-diene		236-948-9	13560-89-9	vPvB (Article 57e)	15-Jan-2018	<a href="https://echa.europa.eu/documents/10162/48495b62-d4d3-e6fc-bf86-f42fd4f2e6dc">https://echa.europa.eu/documents/10162/48495b62-d4d3-e6fc-bf86-f42fd4f2e6dc</a>	<a href="https://echa.europa.eu/documents/10162/78fb98fd-a8e7-31a3-f910-f2ba-d587d8a6">https://echa.europa.eu/documents/10162/78fb98fd-a8e7-31a3-f910-f2ba-d587d8a6</a>	<a href="https://echa.europa.eu/documents/10162/9aa77dde-f0fc-4422-2c00-55b620e57552,https://echa.europa.eu/documents/10162/97b3c3bf-f38a-f3e2-6b53-45654bcc02dc">https://echa.europa.eu/documents/10162/9aa77dde-f0fc-4422-2c00-55b620e57552,https://echa.europa.eu/documents/10162/97b3c3bf-f38a-f3e2-6b53-45654bcc02dc</a>	<a href="https://echa.europa.eu/documents/10162/72b812a4-77eb-be74-c5bb-694b20017d58">https://echa.europa.eu/documents/10162/72b812a4-77eb-be74-c5bb-694b20017d58</a>	
rel-(1R,4S,4aS,6aS,7S,10R,10aR,12aR)-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo[a,e]cyclooctene		-	-	vPvB (Article 57e)	15-Jan-2018	<a href="https://echa.europa.eu/documents/10162/48495b62-d4d3-e6fc-bf86-f42fd4f2e6dc">https://echa.europa.eu/documents/10162/48495b62-d4d3-e6fc-bf86-f42fd4f2e6dc</a>	<a href="https://echa.europa.eu/documents/10162/78fb98fd-a8e7-31a3-f910-f2ba-d587d8a6">https://echa.europa.eu/documents/10162/78fb98fd-a8e7-31a3-f910-f2ba-d587d8a6</a>	<a href="https://echa.europa.eu/documents/10162/9aa77dde-f0fc-4422-2c00-55b620e57552,https://echa.europa.eu/documents/10162/97b3c3bf-f38a-f3e2-6b53-45654bcc02dc">https://echa.europa.eu/documents/10162/9aa77dde-f0fc-4422-2c00-55b620e57552,https://echa.europa.eu/documents/10162/97b3c3bf-f38a-f3e2-6b53-45654bcc02dc</a>	<a href="https://echa.europa.eu/documents/10162/72b812a4-77eb-be74-c5bb-694b20017d58">https://echa.europa.eu/documents/10162/72b812a4-77eb-be74-c5bb-694b20017d58</a>	
rel-(1R,4S,4aS,6aR,7R,10S,10aS,12aR)-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo[a,e]cyclooctene		-	-	vPvB (Article 57e)	15-Jan-2018	<a href="https://echa.europa.eu/documents/10162/48495b62-d4d3-e6fc-bf86-f42fd4f2e6dc">https://echa.europa.eu/documents/10162/48495b62-d4d3-e6fc-bf86-f42fd4f2e6dc</a>	<a href="https://echa.europa.eu/documents/10162/78fb98fd-a8e7-31a3-f910-f2ba-d587d8a6">https://echa.europa.eu/documents/10162/78fb98fd-a8e7-31a3-f910-f2ba-d587d8a6</a>	<a href="https://echa.europa.eu/documents/10162/9aa77dde-f0fc-4422-2c00-55b620e57552,https://echa.europa.eu/documents/10162/97b3c3bf-f38a-f3e2-6b53-45654bcc02dc">https://echa.europa.eu/documents/10162/9aa77dde-f0fc-4422-2c00-55b620e57552,https://echa.europa.eu/documents/10162/97b3c3bf-f38a-f3e2-6b53-45654bcc02dc</a>	<a href="https://echa.europa.eu/documents/10162/72b812a4-77eb-be74-c5bb-694b20017d58">https://echa.europa.eu/documents/10162/72b812a4-77eb-be74-c5bb-694b20017d58</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Perfluorohexane-1-sulphonic acid and its salts	PFHxS	-	-	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	
perfluorohexane-1-sulphonic acid		206-587-1	355-46-4	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	
ammonium perfluorohexane-1-sulphonate		269-511-6	68259-08-5	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	
tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)		274-462-9	70225-16-0	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	
potassium perfluorohexane-1-sulphonate		223-393-2	3871-99-6	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	
Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)		-	1310480-24-0	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Methanaminium, N-[4-[[4-(dimethylamino) phenyl]]4-(ethylamino)-1 -naphthalenyl]methylen e]-2,5-cyclohexadien-1- ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6 -tridecafluoro-1-hexanes ulfonate (1:1)		-	1310480-27- 3	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/d ocuments/10162/20a23 653-34b1-bb48-4887-7e a77bedc637</a>	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/a1183&lt;br/&gt;29d-6a4f-f820-bbc0-94c&lt;br/&gt;640c0a9fa">https://echa.europa.eu/d ocuments/10162/a1183 29d-6a4f-f820-bbc0-94c 640c0a9fa</a>	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/149c1&lt;br/&gt;af7-6375-9ad5-a141-ec&lt;br/&gt;53d76b4707,https://ech&lt;br/&gt;a.europa.eu/documents/&lt;br/&gt;10162/1f48372e-97dd-d&lt;br/&gt;b9f-4335-8cec7ae55eee">https://echa.europa.eu/d ocuments/10162/149c1 af7-6375-9ad5-a141-ec 53d76b4707,https://ech a.europa.eu/documents/ 10162/1f48372e-97dd-d b9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/docu&lt;br/&gt;ments/10162/9cbe10e5-9e87&lt;br/&gt;-4992-4097-ea127ca394e2">https://echa.europa.eu/docu ments/10162/9cbe10e5-9e87 -4992-4097-ea127ca394e2</a>	
Methanaminium, N-[4-[[4-(dimethylamino) phenyl]]4-(phenylamino) -1-naphthalenyl]methyl ene]-2,5-cyclohexadien-1 -ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6 -tridecafluoro-1-hexanes ulfonate (1:1)		-	1310480-28- 4	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/20a23&lt;br/&gt;653-34b1-bb48-4887-7e&lt;br/&gt;a77bedc637">https://echa.europa.eu/d ocuments/10162/20a23 653-34b1-bb48-4887-7e a77bedc637</a>	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/a1183&lt;br/&gt;29d-6a4f-f820-bbc0-94c&lt;br/&gt;640c0a9fa">https://echa.europa.eu/d ocuments/10162/a1183 29d-6a4f-f820-bbc0-94c 640c0a9fa</a>	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/149c1&lt;br/&gt;af7-6375-9ad5-a141-ec&lt;br/&gt;53d76b4707,https://ech&lt;br/&gt;a.europa.eu/documents/&lt;br/&gt;10162/1f48372e-97dd-d&lt;br/&gt;b9f-4335-8cec7ae55eee">https://echa.europa.eu/d ocuments/10162/149c1 af7-6375-9ad5-a141-ec 53d76b4707,https://ech a.europa.eu/documents/ 10162/1f48372e-97dd-d b9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/docu&lt;br/&gt;ments/10162/9cbe10e5-9e87&lt;br/&gt;-4992-4097-ea127ca394e2">https://echa.europa.eu/docu ments/10162/9cbe10e5-9e87 -4992-4097-ea127ca394e2</a>	
Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6 -tridecafluoro-1-hexanes ulfonic acid ion(1-)(1:1)		-	1329995-45- 0	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/20a23&lt;br/&gt;653-34b1-bb48-4887-7e&lt;br/&gt;a77bedc637">https://echa.europa.eu/d ocuments/10162/20a23 653-34b1-bb48-4887-7e a77bedc637</a>	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/a1183&lt;br/&gt;29d-6a4f-f820-bbc0-94c&lt;br/&gt;640c0a9fa">https://echa.europa.eu/d ocuments/10162/a1183 29d-6a4f-f820-bbc0-94c 640c0a9fa</a>	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/149c1&lt;br/&gt;af7-6375-9ad5-a141-ec&lt;br/&gt;53d76b4707,https://ech&lt;br/&gt;a.europa.eu/documents/&lt;br/&gt;10162/1f48372e-97dd-d&lt;br/&gt;b9f-4335-8cec7ae55eee">https://echa.europa.eu/d ocuments/10162/149c1 af7-6375-9ad5-a141-ec 53d76b4707,https://ech a.europa.eu/documents/ 10162/1f48372e-97dd-d b9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/docu&lt;br/&gt;ments/10162/9cbe10e5-9e87&lt;br/&gt;-4992-4097-ea127ca394e2">https://echa.europa.eu/docu ments/10162/9cbe10e5-9e87 -4992-4097-ea127ca394e2</a>	
Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6 -tridecafluoro-1-hexanes ulfonic acid ion(1-)(1:1)		-	1329995-69- 8	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/20a23&lt;br/&gt;653-34b1-bb48-4887-7e&lt;br/&gt;a77bedc637">https://echa.europa.eu/d ocuments/10162/20a23 653-34b1-bb48-4887-7e a77bedc637</a>	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/a1183&lt;br/&gt;29d-6a4f-f820-bbc0-94c&lt;br/&gt;640c0a9fa">https://echa.europa.eu/d ocuments/10162/a1183 29d-6a4f-f820-bbc0-94c 640c0a9fa</a>	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/149c1&lt;br/&gt;af7-6375-9ad5-a141-ec&lt;br/&gt;53d76b4707,https://ech&lt;br/&gt;a.europa.eu/documents/&lt;br/&gt;10162/1f48372e-97dd-d&lt;br/&gt;b9f-4335-8cec7ae55eee">https://echa.europa.eu/d ocuments/10162/149c1 af7-6375-9ad5-a141-ec 53d76b4707,https://ech a.europa.eu/documents/ 10162/1f48372e-97dd-d b9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/docu&lt;br/&gt;ments/10162/9cbe10e5-9e87&lt;br/&gt;-4992-4097-ea127ca394e2">https://echa.europa.eu/docu ments/10162/9cbe10e5-9e87 -4992-4097-ea127ca394e2</a>	
Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6 -tridecafluoro-1-hexanes ulfonate (1:1)		-	144116-10-9	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/20a23&lt;br/&gt;653-34b1-bb48-4887-7e&lt;br/&gt;a77bedc637">https://echa.europa.eu/d ocuments/10162/20a23 653-34b1-bb48-4887-7e a77bedc637</a>	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/a1183&lt;br/&gt;29d-6a4f-f820-bbc0-94c&lt;br/&gt;640c0a9fa">https://echa.europa.eu/d ocuments/10162/a1183 29d-6a4f-f820-bbc0-94c 640c0a9fa</a>	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/149c1&lt;br/&gt;af7-6375-9ad5-a141-ec&lt;br/&gt;53d76b4707,https://ech&lt;br/&gt;a.europa.eu/documents/&lt;br/&gt;10162/1f48372e-97dd-d&lt;br/&gt;b9f-4335-8cec7ae55eee">https://echa.europa.eu/d ocuments/10162/149c1 af7-6375-9ad5-a141-ec 53d76b4707,https://ech a.europa.eu/documents/ 10162/1f48372e-97dd-d b9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/docu&lt;br/&gt;ments/10162/9cbe10e5-9e87&lt;br/&gt;-4992-4097-ea127ca394e2">https://echa.europa.eu/docu ments/10162/9cbe10e5-9e87 -4992-4097-ea127ca394e2</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Quinolinium, 1-(carboxymethyl)-4-[2-[ 4-[4-(2,2-diphenylethenyl)phenyl]-1,2,3,3a,4,8b-h exahydrocyclopent[b]indol-7-yl]ethenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6 -tridecafluoro-1-hexanes ulfonate (1:1)		-	1462414-59- 0	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/d ocuments/10162/20a23 653-34b1-bb48-4887-7e a77bedc637</a>	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/a1183&lt;br/&gt;29d-6a4f-f820-bbc0-94c&lt;br/&gt;640c0a9fa">https://echa.europa.eu/d ocuments/10162/a1183 29d-6a4f-f820-bbc0-94c 640c0a9fa</a>	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/149c1&lt;br/&gt;af7-6375-9ad5-a141-ec&lt;br/&gt;53d76b4707,https://ech&lt;br/&gt;a.europa.eu/documents/&lt;br/&gt;10162/1f48372e-97dd-d&lt;br/&gt;b9f-4335-8cec7ae55eee">https://echa.europa.eu/d ocuments/10162/149c1 af7-6375-9ad5-a141-ec 53d76b4707,https://ech a.europa.eu/documents/ 10162/1f48372e-97dd-d b9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/docu&lt;br/&gt;ments/10162/9cbe10e5-9e87&lt;br/&gt;-4992-4097-ea127ca394e2">https://echa.europa.eu/docu ments/10162/9cbe10e5-9e87 -4992-4097-ea127ca394e2</a>	
Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6 -tridecafluoro-1-hexanes ulfonate (1:1)		-	153443-35-7	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/20a23&lt;br/&gt;653-34b1-bb48-4887-7e&lt;br/&gt;a77bedc637">https://echa.europa.eu/d ocuments/10162/20a23 653-34b1-bb48-4887-7e a77bedc637</a>	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/a1183&lt;br/&gt;29d-6a4f-f820-bbc0-94c&lt;br/&gt;640c0a9fa">https://echa.europa.eu/d ocuments/10162/a1183 29d-6a4f-f820-bbc0-94c 640c0a9fa</a>	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/149c1&lt;br/&gt;af7-6375-9ad5-a141-ec&lt;br/&gt;53d76b4707,https://ech&lt;br/&gt;a.europa.eu/documents/&lt;br/&gt;10162/1f48372e-97dd-d&lt;br/&gt;b9f-4335-8cec7ae55eee">https://echa.europa.eu/d ocuments/10162/149c1 af7-6375-9ad5-a141-ec 53d76b4707,https://ech a.europa.eu/documents/ 10162/1f48372e-97dd-d b9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/docu&lt;br/&gt;ments/10162/9cbe10e5-9e87&lt;br/&gt;-4992-4097-ea127ca394e2">https://echa.europa.eu/docu ments/10162/9cbe10e5-9e87 -4992-4097-ea127ca394e2</a>	
Methanaminium, N,N,N-trimethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6 -tridecafluoro-1-hexanes ulfonic acid (1:1)		-	189274-31-5	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/20a23&lt;br/&gt;653-34b1-bb48-4887-7e&lt;br/&gt;a77bedc637">https://echa.europa.eu/d ocuments/10162/20a23 653-34b1-bb48-4887-7e a77bedc637</a>	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/a1183&lt;br/&gt;29d-6a4f-f820-bbc0-94c&lt;br/&gt;640c0a9fa">https://echa.europa.eu/d ocuments/10162/a1183 29d-6a4f-f820-bbc0-94c 640c0a9fa</a>	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/149c1&lt;br/&gt;af7-6375-9ad5-a141-ec&lt;br/&gt;53d76b4707,https://ech&lt;br/&gt;a.europa.eu/documents/&lt;br/&gt;10162/1f48372e-97dd-d&lt;br/&gt;b9f-4335-8cec7ae55eee">https://echa.europa.eu/d ocuments/10162/149c1 af7-6375-9ad5-a141-ec 53d76b4707,https://ech a.europa.eu/documents/ 10162/1f48372e-97dd-d b9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/docu&lt;br/&gt;ments/10162/9cbe10e5-9e87&lt;br/&gt;-4992-4097-ea127ca394e2">https://echa.europa.eu/docu ments/10162/9cbe10e5-9e87 -4992-4097-ea127ca394e2</a>	
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6 -tridecafluoro-, compd.with 2-methyl-2-propanamin e (1:1)		-	202189-84-2	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/20a23&lt;br/&gt;653-34b1-bb48-4887-7e&lt;br/&gt;a77bedc637">https://echa.europa.eu/d ocuments/10162/20a23 653-34b1-bb48-4887-7e a77bedc637</a>	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/a1183&lt;br/&gt;29d-6a4f-f820-bbc0-94c&lt;br/&gt;640c0a9fa">https://echa.europa.eu/d ocuments/10162/a1183 29d-6a4f-f820-bbc0-94c 640c0a9fa</a>	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/149c1&lt;br/&gt;af7-6375-9ad5-a141-ec&lt;br/&gt;53d76b4707,https://ech&lt;br/&gt;a.europa.eu/documents/&lt;br/&gt;10162/1f48372e-97dd-d&lt;br/&gt;b9f-4335-8cec7ae55eee">https://echa.europa.eu/d ocuments/10162/149c1 af7-6375-9ad5-a141-ec 53d76b4707,https://ech a.europa.eu/documents/ 10162/1f48372e-97dd-d b9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/docu&lt;br/&gt;ments/10162/9cbe10e5-9e87&lt;br/&gt;-4992-4097-ea127ca394e2">https://echa.europa.eu/docu ments/10162/9cbe10e5-9e87 -4992-4097-ea127ca394e2</a>	
Iodonium, bis[4-(1,1-dimethylethyl) phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6 -tridecafluoro-1-hexanes ulfonate (1:1)		-	213740-81-9	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/20a23&lt;br/&gt;653-34b1-bb48-4887-7e&lt;br/&gt;a77bedc637">https://echa.europa.eu/d ocuments/10162/20a23 653-34b1-bb48-4887-7e a77bedc637</a>	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/a1183&lt;br/&gt;29d-6a4f-f820-bbc0-94c&lt;br/&gt;640c0a9fa">https://echa.europa.eu/d ocuments/10162/a1183 29d-6a4f-f820-bbc0-94c 640c0a9fa</a>	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/149c1&lt;br/&gt;af7-6375-9ad5-a141-ec&lt;br/&gt;53d76b4707,https://ech&lt;br/&gt;a.europa.eu/documents/&lt;br/&gt;10162/1f48372e-97dd-d&lt;br/&gt;b9f-4335-8cec7ae55eee">https://echa.europa.eu/d ocuments/10162/149c1 af7-6375-9ad5-a141-ec 53d76b4707,https://ech a.europa.eu/documents/ 10162/1f48372e-97dd-d b9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/docu&lt;br/&gt;ments/10162/9cbe10e5-9e87&lt;br/&gt;-4992-4097-ea127ca394e2">https://echa.europa.eu/docu ments/10162/9cbe10e5-9e87 -4992-4097-ea127ca394e2</a>	
Sulfonium, bis(4-methylphenyl)phe nyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6 -tridecafluoro-1-hexanes ulfonate (1:1)		-	341548-85-4	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/20a23&lt;br/&gt;653-34b1-bb48-4887-7e&lt;br/&gt;a77bedc637">https://echa.europa.eu/d ocuments/10162/20a23 653-34b1-bb48-4887-7e a77bedc637</a>	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/a1183&lt;br/&gt;29d-6a4f-f820-bbc0-94c&lt;br/&gt;640c0a9fa">https://echa.europa.eu/d ocuments/10162/a1183 29d-6a4f-f820-bbc0-94c 640c0a9fa</a>	<a href="https://echa.europa.eu/d&lt;br/&gt;ocuments/10162/149c1&lt;br/&gt;af7-6375-9ad5-a141-ec&lt;br/&gt;53d76b4707,https://ech&lt;br/&gt;a.europa.eu/documents/&lt;br/&gt;10162/1f48372e-97dd-d&lt;br/&gt;b9f-4335-8cec7ae55eee">https://echa.europa.eu/d ocuments/10162/149c1 af7-6375-9ad5-a141-ec 53d76b4707,https://ech a.europa.eu/documents/ 10162/1f48372e-97dd-d b9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/docu&lt;br/&gt;ments/10162/9cbe10e5-9e87&lt;br/&gt;-4992-4097-ea127ca394e2">https://echa.europa.eu/docu ments/10162/9cbe10e5-9e87 -4992-4097-ea127ca394e2</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, scandium(3+) salt (3:1)		-	350836-93-0	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, neodymium(3+) salt (3:1)		-	41184-65-0	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, yttrium(3+) salt (3:1)		-	41242-12-0	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	
Sulfonium, (thiodi-4,1-phenylene)bis[diphenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:2)		-	421555-73-9	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	
Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic		-	421555-74-0	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	
Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)		-	425670-70-8	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	



Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1)		-	55120-77-9	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt		-	70136-72-0	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with N,N-diethylethanamine (1:1)		-	72033-41-1	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt		-	82382-12-5	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	
Iodonium, bis[(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (9CI)		-	866621-50-3	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	
Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)		-	910606-39-2	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Sulfonium, [4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)		-	911027-68-4	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	
Sulfonium, [4-[(2-methyl-1-oxo-2-propenyl)oxy]phenyl]diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1), polymer with 2-ethyltricyclo[3.3.1.1 <sup>3,7</sup> ]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.1 <sup>3,7</sup> ]dec-1-yl 2-methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate		-	911027-69-5	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, cesium salt (1:1)		-	92011-17-1	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	
Dibenzo[k,n][1,4,7,10,13]tetraoxathiacyclopentadecinium, 19-[4-(1,1-dimethylethyl)phenyl]-6,7,9,10,12,13-hexahydro-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)		-	928049-42-7	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. With pyrrolidine (1:1)		-	1187817-57-7	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	
N,N,N-triethylethanaminium tridecafluorohexane-1-sulfonate		-	108427-55-0	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	
N,N,N-tributylbutan-1-aminium tridecafluorohexane-1-sulfonate		-	108427-54-9	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	
Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)		-	1000597-52-3	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9CI)		-	341035-71-0	vPvB (Article 57e)	07-Jul-2017	<a href="https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637">https://echa.europa.eu/documents/10162/20a23653-34b1-bb48-4887-7ea77bedc637</a>	<a href="https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa">https://echa.europa.eu/documents/10162/a118329d-6a4f-f820-bbc0-94c640c0a9fa</a>	<a href="https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707">https://echa.europa.eu/documents/10162/149c1af7-6375-9ad5-a141-ec53d76b4707</a> , <a href="https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee">https://echa.europa.eu/documents/10162/1f48372e-97dd-db9f-4335-8cec7ae55eee</a>	<a href="https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2">https://echa.europa.eu/documents/10162/9cbe10e5-9e87-4992-4097-ea127ca394e2</a>	
p-(1,1-dimethylpropyl)phenol		201-280-9	80-46-6	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/c11b5b68-67f4-8044-53a6-26759a106c80">https://echa.europa.eu/documents/10162/c11b5b68-67f4-8044-53a6-26759a106c80</a>	<a href="https://echa.europa.eu/documents/10162/c6fa630c-af6f-0df1-8f5d-ec0b890e58a3">https://echa.europa.eu/documents/10162/c6fa630c-af6f-0df1-8f5d-ec0b890e58a3</a>	<a href="https://echa.europa.eu/documents/10162/02d37927-a27f-fa9b-d8de-bc3c3a46799f">https://echa.europa.eu/documents/10162/02d37927-a27f-fa9b-d8de-bc3c3a46799f</a>	<a href="https://echa.europa.eu/documents/10162/d19dd624-e601-fbae-dd35-036f9335aef9">https://echa.europa.eu/documents/10162/d19dd624-e601-fbae-dd35-036f9335aef9</a>	
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts		-	-	Toxic for reproduction (Article 57c),PBT (Article 57d)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/df3daa02-0c97-2c3a-2c7b-90c267642086">https://echa.europa.eu/documents/10162/df3daa02-0c97-2c3a-2c7b-90c267642086</a>	<a href="https://echa.europa.eu/documents/10162/a1000164-695a-311d-3eb0-71c09e92dc84">https://echa.europa.eu/documents/10162/a1000164-695a-311d-3eb0-71c09e92dc84</a>	<a href="https://echa.europa.eu/documents/10162/48c9acdc-7474-b256-e8cb-b0c6c1e5f2d0">https://echa.europa.eu/documents/10162/48c9acdc-7474-b256-e8cb-b0c6c1e5f2d0</a>	<a href="https://echa.europa.eu/documents/10162/71f60a29-6e2af20f-e79a-58d11056df2f">https://echa.europa.eu/documents/10162/71f60a29-6e2af20f-e79a-58d11056df2f</a>	
Nonadecafluorodecanoic acid		206-400-3	335-76-2	Toxic for reproduction (Article 57c),PBT (Article 57d)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/df3daa02-0c97-2c3a-2c7b-90c267642086">https://echa.europa.eu/documents/10162/df3daa02-0c97-2c3a-2c7b-90c267642086</a>	<a href="https://echa.europa.eu/documents/10162/a1000164-695a-311d-3eb0-71c09e92dc84">https://echa.europa.eu/documents/10162/a1000164-695a-311d-3eb0-71c09e92dc84</a>	<a href="https://echa.europa.eu/documents/10162/48c9acdc-7474-b256-e8cb-b0c6c1e5f2d0">https://echa.europa.eu/documents/10162/48c9acdc-7474-b256-e8cb-b0c6c1e5f2d0</a>	<a href="https://echa.europa.eu/documents/10162/71f60a29-6e2af20f-e79a-58d11056df2f">https://echa.europa.eu/documents/10162/71f60a29-6e2af20f-e79a-58d11056df2f</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
sodium nonadecafluorodecanoate		-	3830-45-3	Toxic for reproduction (Article 57c),PBT (Article 57d)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/df3daa02-0c97-2c3a-2c7b-90c267642086">https://echa.europa.eu/documents/10162/df3daa02-0c97-2c3a-2c7b-90c267642086</a>	<a href="https://echa.europa.eu/documents/10162/a1000164-695a-311d-3eb0-71c09e92dc84">https://echa.europa.eu/documents/10162/a1000164-695a-311d-3eb0-71c09e92dc84</a>	<a href="https://echa.europa.eu/documents/10162/48c9a-cdc-7474-b256-e8cb-b0c6c1e5f2d0">https://echa.europa.eu/documents/10162/48c9a-cdc-7474-b256-e8cb-b0c6c1e5f2d0</a>	<a href="https://echa.europa.eu/documents/10162/71f60a29-6e2a-f20f-e79a-58d11056df2f">https://echa.europa.eu/documents/10162/71f60a29-6e2a-f20f-e79a-58d11056df2f</a>	
Ammonium nonadecafluorodecanoate		221-470-5	3108-42-7	Toxic for reproduction (Article 57c),PBT (Article 57d)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/df3daa02-0c97-2c3a-2c7b-90c267642086">https://echa.europa.eu/documents/10162/df3daa02-0c97-2c3a-2c7b-90c267642086</a>	<a href="https://echa.europa.eu/documents/10162/a1000164-695a-311d-3eb0-71c09e92dc84">https://echa.europa.eu/documents/10162/a1000164-695a-311d-3eb0-71c09e92dc84</a>	<a href="https://echa.europa.eu/documents/10162/48c9a-cdc-7474-b256-e8cb-b0c6c1e5f2d0">https://echa.europa.eu/documents/10162/48c9a-cdc-7474-b256-e8cb-b0c6c1e5f2d0</a>	<a href="https://echa.europa.eu/documents/10162/71f60a29-6e2a-f20f-e79a-58d11056df2f">https://echa.europa.eu/documents/10162/71f60a29-6e2a-f20f-e79a-58d11056df2f</a>	
4-heptylphenol, branched and linear	substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	-	-	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	
Phenol, heptyl derivs.		276-743-1	72624-02-3	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	
4-heptylphenol		217-862-0	1987-50-4	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	
4-(2,4-dimethylpentan-2-yl)phenol		-	33104-11-9	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
4-(3-ethylpentan-3-yl)phenol		-	37872-24-5	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	
4-(2-methylhexan-2-yl)phenol		-	30784-31-7	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	
4-(3,3-dimethylpentan-2-yl)phenol		-	911371-06-7	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	
4-(3-methylhexan-2-yl)phenol		-	854904-93-1	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	
4-(4,4-dimethylpentan-2-yl)phenol		-	911371-07-8	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	
4-(4-methylhexan-2-yl)phenol		-	71945-81-8	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
4-(5-methylhexan-2-yl)phenol		-	857629-71-1	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	
4-(2,2-dimethylpentan-3-yl)phenol		-	861010-65-3	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	
4-(5-methylhexan-3-yl)phenol		-	854904-92-0	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	
4-(heptan-3-yl)phenol		-	6465-74-3	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	
4-(heptan-2-yl)phenol		-	6863-24-7	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	
4-(heptan-4-yl)phenol		-	6465-71-0	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
4-(3-ethylpentyl)phenol		-	911370-98-4	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	
4-(3-methylhexyl)phenol		-	102570-52-5	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	
4-(4-methylhexyl)phenol		-	1139800-98-8	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	
4-(5-methylhexyl)phenol		-	100532-36-3	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	
4-(2,4-dimethylpentan-3-yl)phenol		-	1824346-00-0	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	
4-(2,3-dimethylpentan-2-yl)phenol		-	861011-60-1	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
4-(3-methylhexan-3-yl)phenol		-	30784-32-8	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	
4-(2,3,3-trimethylbutan-2-yl)phenol		-	72861-06-4	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	
Phenol, 4-tert-heptyl-		-	288864-02-8	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	
Phenol, 4-(1-ethyl-1,2-dimethylpropyl)-		-	30784-27-1	Endocrine disrupting properties (Article 57(f) - environment)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91">https://echa.europa.eu/documents/10162/0f8c5cf3-ccb7-3df6-c351-1c2df00cbc91</a>	<a href="https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97">https://echa.europa.eu/documents/10162/32f515fd-4785-d96a-5394-ace770b72b97</a>	<a href="https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df">https://echa.europa.eu/documents/10162/9ec084eb-b304-e40b-acd4-23761f9bb6cd,https://echa.europa.eu/documents/10162/8501ed51-1cc7-1ab6-7b4f-4d6e6e0c65df</a>	<a href="https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f">https://echa.europa.eu/documents/10162/d70e2c1c-c5b8-4570-4f7c-57d6a3f2c39f</a>	
4,4'-isopropylidenediphenol	Bisphenol A; BPA	201-245-8	80-05-7	Toxic for reproduction (Article 57c), Endocrine disrupting properties (Article 57(f) - environment), Endocrine disrupting properties (Article 57(f) - human health)	12-Jan-2017	<a href="https://echa.europa.eu/documents/10162/36834f25-582c-0855-37fb-bd20b409382c,https://echa.europa.eu/documents/10162/eed2c09-2263-25ad-49cd-a0926736c877,https://echa.europa.eu/documents/10162/ede153a4-db00-daf6-120f-6b6ccce0c539">https://echa.europa.eu/documents/10162/36834f25-582c-0855-37fb-bd20b409382c,https://echa.europa.eu/documents/10162/eed2c09-2263-25ad-49cd-a0926736c877,https://echa.europa.eu/documents/10162/ede153a4-db00-daf6-120f-6b6ccce0c539</a>	<a href="https://echa.europa.eu/documents/10162/a6dc6937-ccce-1024-8282-8304a76549fa">https://echa.europa.eu/documents/10162/a6dc6937-ccce-1024-8282-8304a76549fa</a>	<a href="https://echa.europa.eu/documents/10162/b10d6a00-8e47-9b14-4f61-c779a8dc8450,https://echa.europa.eu/documents/10162/908badc9-e65d-3bae-933a-3512a9262e59,https://echa.europa.eu/documents/10162/769b2777-19cd-9fff-33c4-54fe6d8290d5">https://echa.europa.eu/documents/10162/b10d6a00-8e47-9b14-4f61-c779a8dc8450,https://echa.europa.eu/documents/10162/908badc9-e65d-3bae-933a-3512a9262e59,https://echa.europa.eu/documents/10162/769b2777-19cd-9fff-33c4-54fe6d8290d5</a>	<a href="https://echa.europa.eu/documents/10162/9abf8b9b-9f39-f9fb-ad06-6f90ed3a7a5e,https://echa.europa.eu/documents/10162/fef2066e-2d2b-677b-71c9-2ea81f517ada,https://echa.europa.eu/documents/10162/4b8caa8c-125d-c1d2-fb59-06b2f0545fbb">https://echa.europa.eu/documents/10162/9abf8b9b-9f39-f9fb-ad06-6f90ed3a7a5e,https://echa.europa.eu/documents/10162/fef2066e-2d2b-677b-71c9-2ea81f517ada,https://echa.europa.eu/documents/10162/4b8caa8c-125d-c1d2-fb59-06b2f0545fbb</a>	
Benzo[def]chrysene (Benzo[a]pyrene)		200-028-5	50-32-8	Carcinogenic (Article 57a), Mutagenic (Article 57b), Toxic for reproduction (Article 57c), PBT (Article 57d), vPvB (Article 57e)	20-Jun-2016	<a href="https://echa.europa.eu/documents/10162/4b054c5b-8511-4a30-8ef8-35ab143b4fd0">https://echa.europa.eu/documents/10162/4b054c5b-8511-4a30-8ef8-35ab143b4fd0</a>	<a href="https://echa.europa.eu/documents/10162/75ad6d26-78d9-4903-b06a-cf69953713dc">https://echa.europa.eu/documents/10162/75ad6d26-78d9-4903-b06a-cf69953713dc</a>	<a href="https://echa.europa.eu/documents/10162/985e117f-38e2-4d45-9d0c-94413dd0462e">https://echa.europa.eu/documents/10162/985e117f-38e2-4d45-9d0c-94413dd0462e</a>	<a href="https://echa.europa.eu/documents/10162/040bf73f-9e4f-57c7-d32b-43bd8880702d">https://echa.europa.eu/documents/10162/040bf73f-9e4f-57c7-d32b-43bd8880702d</a>	



Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Perfluorononan-1-oi-acid and its sodium and ammonium salts		-	-	Toxic for reproduction (Article 57c),PBT (Article 57d)	17-Dec-2015	<a href="https://echa.europa.eu/documents/10162/725df6cb-070c-48c9-89a5-500ee2dabe16">https://echa.europa.eu/documents/10162/725df6cb-070c-48c9-89a5-500ee2dabe16</a>	<a href="https://echa.europa.eu/documents/10162/2aa67f6e-621e-4337-84aa-076f0de11f4e">https://echa.europa.eu/documents/10162/2aa67f6e-621e-4337-84aa-076f0de11f4e</a>	<a href="https://echa.europa.eu/documents/10162/48ae5fe3-9436-4a10-a533-ed642b92ce47">https://echa.europa.eu/documents/10162/48ae5fe3-9436-4a10-a533-ed642b92ce47</a>	<a href="https://echa.europa.eu/documents/10162/d6543a35-481d-c564-314b-e2080bb787b6">https://echa.europa.eu/documents/10162/d6543a35-481d-c564-314b-e2080bb787b6</a>	
Ammonium salts of perfluorononan-1-oi-acid		-	4149-60-4	Toxic for reproduction (Article 57c),PBT (Article 57d)	17-Dec-2015	<a href="https://echa.europa.eu/documents/10162/725df6cb-070c-48c9-89a5-500ee2dabe16">https://echa.europa.eu/documents/10162/725df6cb-070c-48c9-89a5-500ee2dabe16</a>	<a href="https://echa.europa.eu/documents/10162/2aa67f6e-621e-4337-84aa-076f0de11f4e">https://echa.europa.eu/documents/10162/2aa67f6e-621e-4337-84aa-076f0de11f4e</a>	<a href="https://echa.europa.eu/documents/10162/48ae5fe3-9436-4a10-a533-ed642b92ce47">https://echa.europa.eu/documents/10162/48ae5fe3-9436-4a10-a533-ed642b92ce47</a>	<a href="https://echa.europa.eu/documents/10162/d6543a35-481d-c564-314b-e2080bb787b6">https://echa.europa.eu/documents/10162/d6543a35-481d-c564-314b-e2080bb787b6</a>	
Perfluorononan-1-oi-acid		206-801-3	375-95-1	Toxic for reproduction (Article 57c),PBT (Article 57d)	17-Dec-2015	<a href="https://echa.europa.eu/documents/10162/725df6cb-070c-48c9-89a5-500ee2dabe16">https://echa.europa.eu/documents/10162/725df6cb-070c-48c9-89a5-500ee2dabe16</a>	<a href="https://echa.europa.eu/documents/10162/2aa67f6e-621e-4337-84aa-076f0de11f4e">https://echa.europa.eu/documents/10162/2aa67f6e-621e-4337-84aa-076f0de11f4e</a>	<a href="https://echa.europa.eu/documents/10162/48ae5fe3-9436-4a10-a533-ed642b92ce47">https://echa.europa.eu/documents/10162/48ae5fe3-9436-4a10-a533-ed642b92ce47</a>	<a href="https://echa.europa.eu/documents/10162/d6543a35-481d-c564-314b-e2080bb787b6">https://echa.europa.eu/documents/10162/d6543a35-481d-c564-314b-e2080bb787b6</a>	
Sodium salts of perfluorononan-1-oi-acid		-	21049-39-8	Toxic for reproduction (Article 57c),PBT (Article 57d)	17-Dec-2015	<a href="https://echa.europa.eu/documents/10162/725df6cb-070c-48c9-89a5-500ee2dabe16">https://echa.europa.eu/documents/10162/725df6cb-070c-48c9-89a5-500ee2dabe16</a>	<a href="https://echa.europa.eu/documents/10162/2aa67f6e-621e-4337-84aa-076f0de11f4e">https://echa.europa.eu/documents/10162/2aa67f6e-621e-4337-84aa-076f0de11f4e</a>	<a href="https://echa.europa.eu/documents/10162/48ae5fe3-9436-4a10-a533-ed642b92ce47">https://echa.europa.eu/documents/10162/48ae5fe3-9436-4a10-a533-ed642b92ce47</a>	<a href="https://echa.europa.eu/documents/10162/d6543a35-481d-c564-314b-e2080bb787b6">https://echa.europa.eu/documents/10162/d6543a35-481d-c564-314b-e2080bb787b6</a>	
Nitrobenzene		202-716-0	98-95-3	Toxic for reproduction (Article 57c)	17-Dec-2015	<a href="https://echa.europa.eu/documents/10162/bcde2926-a00e-4389-8e48-67122bceba67">https://echa.europa.eu/documents/10162/bcde2926-a00e-4389-8e48-67122bceba67</a>	<a href="https://echa.europa.eu/documents/10162/d51c9722-aed2-47a0-8356-831db2066b0a">https://echa.europa.eu/documents/10162/d51c9722-aed2-47a0-8356-831db2066b0a</a>	<a href="https://echa.europa.eu/documents/10162/d71ba080-df7e-42e6-a76f-4eec3880ebe5">https://echa.europa.eu/documents/10162/d71ba080-df7e-42e6-a76f-4eec3880ebe5</a>	<a href="https://echa.europa.eu/documents/10162/d0e3c2a3-d273-70ee-3191-d939681c22f4">https://echa.europa.eu/documents/10162/d0e3c2a3-d273-70ee-3191-d939681c22f4</a>	
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)		253-037-1	36437-37-3	vPvB (Article 57e)	17-Dec-2015	<a href="https://echa.europa.eu/documents/10162/aca017f7-c9f1-4bce-a991-7c9e911a3ddd">https://echa.europa.eu/documents/10162/aca017f7-c9f1-4bce-a991-7c9e911a3ddd</a>	<a href="https://echa.europa.eu/documents/10162/2721734c-c482-493b-82e8-3b4d131a6507">https://echa.europa.eu/documents/10162/2721734c-c482-493b-82e8-3b4d131a6507</a>	<a href="https://echa.europa.eu/documents/10162/13121440-8260-4e04-bc10-5dca434c7ac0">https://echa.europa.eu/documents/10162/13121440-8260-4e04-bc10-5dca434c7ac0</a>	<a href="https://echa.europa.eu/documents/10162/118b1880-d7bc-b1ed-3539-bf39a3fda3bb">https://echa.europa.eu/documents/10162/118b1880-d7bc-b1ed-3539-bf39a3fda3bb</a>	
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)		223-383-8	3864-99-1	vPvB (Article 57e)	17-Dec-2015	<a href="https://echa.europa.eu/documents/10162/86a55090-a222-4389-83d6-4859f9efb875">https://echa.europa.eu/documents/10162/86a55090-a222-4389-83d6-4859f9efb875</a>	<a href="https://echa.europa.eu/documents/10162/b9c11f35-3120-4aa0-abec-d80c9aeb3786">https://echa.europa.eu/documents/10162/b9c11f35-3120-4aa0-abec-d80c9aeb3786</a>	<a href="https://echa.europa.eu/documents/10162/5d71b975-bba0-482d-9a5e-a102c7a0fc0d">https://echa.europa.eu/documents/10162/5d71b975-bba0-482d-9a5e-a102c7a0fc0d</a>	<a href="https://echa.europa.eu/documents/10162/2a1e557b-3091-610d-3175-3b08da084dbd">https://echa.europa.eu/documents/10162/2a1e557b-3091-610d-3175-3b08da084dbd</a>	
1,3-propanesultone		214-317-9	1120-71-4	Carcinogenic (Article 57a)	17-Dec-2015	<a href="https://echa.europa.eu/documents/10162/513d6dfe-b82b-a513-687a-d7a8ce6e8a59">https://echa.europa.eu/documents/10162/513d6dfe-b82b-a513-687a-d7a8ce6e8a59</a>	<a href="https://echa.europa.eu/documents/10162/ab2bd960-50e9-44b4-a02d-4a3c9a622bdc">https://echa.europa.eu/documents/10162/ab2bd960-50e9-44b4-a02d-4a3c9a622bdc</a>	<a href="https://echa.europa.eu/documents/10162/08f7169e-1697-4323-b13a-b037046eff96">https://echa.europa.eu/documents/10162/08f7169e-1697-4323-b13a-b037046eff96</a>	<a href="https://echa.europa.eu/documents/10162/22a7e514-1415-8815-b17d-a91d4e671812">https://echa.europa.eu/documents/10162/22a7e514-1415-8815-b17d-a91d4e671812</a>	
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2]	covering any of the individual stereoisomers of [1] and [2] or any combination thereof	-	-	vPvB (Article 57e)	15-Jun-2015	<a href="https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4">https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4</a>	<a href="https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afcd0d96ee3f">https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afcd0d96ee3f</a>	<a href="https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731">https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731</a>	<a href="https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789">https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789</a>	
1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)-		-	186309-28-4	vPvB (Article 57e)	15-Jun-2015	<a href="https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4">https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4</a>	<a href="https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afcd0d96ee3f">https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afcd0d96ee3f</a>	<a href="https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731">https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731</a>	<a href="https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789">https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789</a>	
5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane		-	-	vPvB (Article 57e)	15-Jun-2015	<a href="https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4">https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4</a>	<a href="https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afcd0d96ee3f">https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afcd0d96ee3f</a>	<a href="https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731">https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731</a>	<a href="https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789">https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-rel-		-	343934-04-3	vPvB (Article 57e)	15-Jun-2015	<a href="https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4">https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4</a>	<a href="https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afcd0d96ee3f">https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afcd0d96ee3f</a>	<a href="https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731">https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731</a>	<a href="https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789">https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789</a>	
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-		-	676367-09-2	vPvB (Article 57e)	15-Jun-2015	<a href="https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4">https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4</a>	<a href="https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afcd0d96ee3f">https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afcd0d96ee3f</a>	<a href="https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731">https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731</a>	<a href="https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789">https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789</a>	
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-rel-		-	343934-05-4	vPvB (Article 57e)	15-Jun-2015	<a href="https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4">https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4</a>	<a href="https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afcd0d96ee3f">https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afcd0d96ee3f</a>	<a href="https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731">https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731</a>	<a href="https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789">https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789</a>	
1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-		-	676367-04-7	vPvB (Article 57e)	15-Jun-2015	<a href="https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4">https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4</a>	<a href="https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afcd0d96ee3f">https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afcd0d96ee3f</a>	<a href="https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731">https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731</a>	<a href="https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789">https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789</a>	
1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-		-	676367-08-1	vPvB (Article 57e)	15-Jun-2015	<a href="https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4">https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4</a>	<a href="https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afcd0d96ee3f">https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afcd0d96ee3f</a>	<a href="https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731">https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731</a>	<a href="https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789">https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789</a>	
1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-		-	676367-03-6	vPvB (Article 57e)	15-Jun-2015	<a href="https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4">https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4</a>	<a href="https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afcd0d96ee3f">https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afcd0d96ee3f</a>	<a href="https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731">https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731</a>	<a href="https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789">https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789</a>	
1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-		-	676367-07-0	vPvB (Article 57e)	15-Jun-2015	<a href="https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4">https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4</a>	<a href="https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afcd0d96ee3f">https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afcd0d96ee3f</a>	<a href="https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731">https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731</a>	<a href="https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789">https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789</a>	
1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-		-	676367-02-5	vPvB (Article 57e)	15-Jun-2015	<a href="https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4">https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4</a>	<a href="https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afcd0d96ee3f">https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afcd0d96ee3f</a>	<a href="https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731">https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731</a>	<a href="https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789">https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789</a>	
1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-		-	676367-06-9	vPvB (Article 57e)	15-Jun-2015	<a href="https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4">https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4</a>	<a href="https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afcd0d96ee3f">https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afcd0d96ee3f</a>	<a href="https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731">https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731</a>	<a href="https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789">https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Reaction mass of 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane and 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane		413-720-9	-	vPvB (Article 57e)	15-Jun-2015	<a href="https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4">https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4</a>	<a href="https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afd0d96ee3f">https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afd0d96ee3f</a>	<a href="https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731">https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731</a>	<a href="https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789">https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789</a>	
1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)-		-	117933-89-8	vPvB (Article 57e)	15-Jun-2015	<a href="https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4">https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4</a>	<a href="https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afd0d96ee3f">https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afd0d96ee3f</a>	<a href="https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731">https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731</a>	<a href="https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789">https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789</a>	
Reaction mass of 5-[(2R)-butan-2-yl]-2-[(1R,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2R)-butan-2-yl]-2-[(1R,6R)-4,6-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1R,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1S,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1S,6R)-4,6-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane		-	-	vPvB (Article 57e)	15-Jun-2015	<a href="https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4">https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4</a>	<a href="https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afd0d96ee3f">https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afd0d96ee3f</a>	<a href="https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731">https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731</a>	<a href="https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789">https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789</a>	
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane		-	-	vPvB (Article 57e)	15-Jun-2015	<a href="https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4">https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4</a>	<a href="https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afd0d96ee3f">https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afd0d96ee3f</a>	<a href="https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731">https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731</a>	<a href="https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789">https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789</a>	
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-		-	676367-05-8	vPvB (Article 57e)	15-Jun-2015	<a href="https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4">https://echa.europa.eu/documents/10162/f7c78fc1-bc3e-4913-9a8f-1f57e03326e4</a>	<a href="https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afd0d96ee3f">https://echa.europa.eu/documents/10162/c87c2930-58af-20dd-8394-afd0d96ee3f</a>	<a href="https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731">https://echa.europa.eu/documents/10162/a4fac134-09e6-43c1-a65f-dfaee5f85731</a>	<a href="https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789">https://echa.europa.eu/documents/10162/8831bc31-c2e0-f702-ef41-fb3a49ec0789</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters	with a minimum of 0.3% of dihexyl phthalate (EC No. 201-559-5)	-	-	Toxic for reproduction (Article 57c)	15-Jun-2015	<a href="https://echa.europa.eu/documents/10162/af844510-0d70-6a9e-4fd5-714632a0f988">https://echa.europa.eu/documents/10162/af844510-0d70-6a9e-4fd5-714632a0f988</a>	<a href="https://echa.europa.eu/documents/10162/0d1991c8-23cf-4779-9e08-b9208bd40338">https://echa.europa.eu/documents/10162/0d1991c8-23cf-4779-9e08-b9208bd40338</a> , <a href="https://echa.europa.eu/documents/10162/f5495229-3f8c-4321-817c-dd498912310e">https://echa.europa.eu/documents/10162/f5495229-3f8c-4321-817c-dd498912310e</a>	<a href="https://echa.europa.eu/documents/10162/2b4a5011-39c9-4eb0-9309-9aa6b10981ab">https://echa.europa.eu/documents/10162/2b4a5011-39c9-4eb0-9309-9aa6b10981ab</a>	<a href="https://echa.europa.eu/documents/10162/c79982ce-adc9-d5c8-e42a-d8bc025c9f93">https://echa.europa.eu/documents/10162/c79982ce-adc9-d5c8-e42a-d8bc025c9f93</a>	
1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters		272-013-1	68648-93-1	Toxic for reproduction (Article 57c)	15-Jun-2015	<a href="https://echa.europa.eu/documents/10162/af844510-0d70-6a9e-4fd5-714632a0f988">https://echa.europa.eu/documents/10162/af844510-0d70-6a9e-4fd5-714632a0f988</a>	<a href="https://echa.europa.eu/documents/10162/0d1991c8-23cf-4779-9e08-b9208bd40338">https://echa.europa.eu/documents/10162/0d1991c8-23cf-4779-9e08-b9208bd40338</a> , <a href="https://echa.europa.eu/documents/10162/f5495229-3f8c-4321-817c-dd498912310e">https://echa.europa.eu/documents/10162/f5495229-3f8c-4321-817c-dd498912310e</a>	<a href="https://echa.europa.eu/documents/10162/2b4a5011-39c9-4eb0-9309-9aa6b10981ab">https://echa.europa.eu/documents/10162/2b4a5011-39c9-4eb0-9309-9aa6b10981ab</a>	<a href="https://echa.europa.eu/documents/10162/c79982ce-adc9-d5c8-e42a-d8bc025c9f93">https://echa.europa.eu/documents/10162/c79982ce-adc9-d5c8-e42a-d8bc025c9f93</a>	
1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters		271-094-0	68515-51-5	Toxic for reproduction (Article 57c)	15-Jun-2015	<a href="https://echa.europa.eu/documents/10162/af844510-0d70-6a9e-4fd5-714632a0f988">https://echa.europa.eu/documents/10162/af844510-0d70-6a9e-4fd5-714632a0f988</a>	<a href="https://echa.europa.eu/documents/10162/0d1991c8-23cf-4779-9e08-b9208bd40338">https://echa.europa.eu/documents/10162/0d1991c8-23cf-4779-9e08-b9208bd40338</a> , <a href="https://echa.europa.eu/documents/10162/f5495229-3f8c-4321-817c-dd498912310e">https://echa.europa.eu/documents/10162/f5495229-3f8c-4321-817c-dd498912310e</a>	<a href="https://echa.europa.eu/documents/10162/2b4a5011-39c9-4eb0-9309-9aa6b10981ab">https://echa.europa.eu/documents/10162/2b4a5011-39c9-4eb0-9309-9aa6b10981ab</a>	<a href="https://echa.europa.eu/documents/10162/c79982ce-adc9-d5c8-e42a-d8bc025c9f93">https://echa.europa.eu/documents/10162/c79982ce-adc9-d5c8-e42a-d8bc025c9f93</a>	
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)		-	-	Toxic for reproduction (Article 57c)	17-Dec-2014	<a href="https://echa.europa.eu/documents/10162/917a0639-8b9d-43ce-802c-b4e82a7f20e3">https://echa.europa.eu/documents/10162/917a0639-8b9d-43ce-802c-b4e82a7f20e3</a>	<a href="https://echa.europa.eu/documents/10162/371b4814-2cbd-429d-88b9-905c19d0d299">https://echa.europa.eu/documents/10162/371b4814-2cbd-429d-88b9-905c19d0d299</a>	<a href="https://echa.europa.eu/documents/10162/a410b50c-11f9-49ca-9e8f-54f2a674b032">https://echa.europa.eu/documents/10162/a410b50c-11f9-49ca-9e8f-54f2a674b032</a>	<a href="https://echa.europa.eu/documents/10162/ba3a1dda-f1bb-0323-6067-257f1d310652">https://echa.europa.eu/documents/10162/ba3a1dda-f1bb-0323-6067-257f1d310652</a>	
Cadmium sulphate		233-331-6	10124-36-4, 31119-53-6	Carcinogenic (Article 57a), Mutagenic (Article 57b), Toxic for reproduction (Article 57c), Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	17-Dec-2014	<a href="https://echa.europa.eu/documents/10162/9e3c41d5-088a-47e7-944a-2ccb112493b3">https://echa.europa.eu/documents/10162/9e3c41d5-088a-47e7-944a-2ccb112493b3</a>	<a href="https://echa.europa.eu/documents/10162/bbe26e5b-facf-4668-bc8c-38a175be4c62">https://echa.europa.eu/documents/10162/bbe26e5b-facf-4668-bc8c-38a175be4c62</a>	<a href="https://echa.europa.eu/documents/10162/037ede8d-4f3a-030c-8663-8b04336272ad">https://echa.europa.eu/documents/10162/037ede8d-4f3a-030c-8663-8b04336272ad</a>	<a href="https://echa.europa.eu/documents/10162/8418e3af-5df2-d281-49bf-5ce691521e86">https://echa.europa.eu/documents/10162/8418e3af-5df2-d281-49bf-5ce691521e86</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Cadmium fluoride		232-222-0	7790-79-6	Carcinogenic (Article 57a), Mutagenic (Article 57b), Toxic for reproduction (Article 57c), Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	17-Dec-2014	<a href="https://echa.europa.eu/documents/10162/e333469a-fca7-48c2-a88f-52eaa8e7ad7e">https://echa.europa.eu/documents/10162/e333469a-fca7-48c2-a88f-52eaa8e7ad7e</a>	<a href="https://echa.europa.eu/documents/10162/0bba6429-659f-448b-9623-c6737291a3b1">https://echa.europa.eu/documents/10162/0bba6429-659f-448b-9623-c6737291a3b1</a>	<a href="https://echa.europa.eu/documents/10162/6eb02b71-b691-4b53-b0f1-c8c68b2b3083">https://echa.europa.eu/documents/10162/6eb02b71-b691-4b53-b0f1-c8c68b2b3083</a>	<a href="https://echa.europa.eu/documents/10162/c185b4bd-150f-f36b-d3a4-48cf45d1e5fb">https://echa.europa.eu/documents/10162/c185b4bd-150f-f36b-d3a4-48cf45d1e5fb</a>	
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)		239-622-4	15571-58-1	Toxic for reproduction (Article 57c)	17-Dec-2014	<a href="https://echa.europa.eu/documents/10162/8f7e275c-c02c-4357-90d9-59a37b14337a">https://echa.europa.eu/documents/10162/8f7e275c-c02c-4357-90d9-59a37b14337a</a>	<a href="https://echa.europa.eu/documents/10162/0a3e8564-b077-46a7-a90e-2f59f458932f">https://echa.europa.eu/documents/10162/0a3e8564-b077-46a7-a90e-2f59f458932f</a>	<a href="https://echa.europa.eu/documents/10162/04d23d27-3484-48c9-862c-0637e30642a1">https://echa.europa.eu/documents/10162/04d23d27-3484-48c9-862c-0637e30642a1</a>	<a href="https://echa.europa.eu/documents/10162/80eac049-4076-f96d-cd11-0d8477cb12dc">https://echa.europa.eu/documents/10162/80eac049-4076-f96d-cd11-0d8477cb12dc</a>	
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)		223-346-6	3846-71-7	PBT (Article 57d), vPvB (Article 57e)	17-Dec-2014	<a href="https://echa.europa.eu/documents/10162/27d9317d-3aeb-41d5-9116-1e07696d90cd">https://echa.europa.eu/documents/10162/27d9317d-3aeb-41d5-9116-1e07696d90cd</a>	<a href="https://echa.europa.eu/documents/10162/96387d49-cb01-423c-bd6e-927a7b6c434f">https://echa.europa.eu/documents/10162/96387d49-cb01-423c-bd6e-927a7b6c434f</a>	<a href="https://echa.europa.eu/documents/10162/33c375a1-c4de-4f14-a143-cff986175d76">https://echa.europa.eu/documents/10162/33c375a1-c4de-4f14-a143-cff986175d76</a>	<a href="https://echa.europa.eu/documents/10162/6ac88f0e-1962-78d3-a7ed-cfb4f89b9aa7">https://echa.europa.eu/documents/10162/6ac88f0e-1962-78d3-a7ed-cfb4f89b9aa7</a>	
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)		247-384-8	25973-55-1	PBT (Article 57d), vPvB (Article 57e)	17-Dec-2014	<a href="https://echa.europa.eu/documents/10162/c6a0c43b-adba-4351-a093-66b36d470de3">https://echa.europa.eu/documents/10162/c6a0c43b-adba-4351-a093-66b36d470de3</a>	<a href="https://echa.europa.eu/documents/10162/0ca781ed-adf7-4d40-95b7-a7ea17543f5c">https://echa.europa.eu/documents/10162/0ca781ed-adf7-4d40-95b7-a7ea17543f5c</a>	<a href="https://echa.europa.eu/documents/10162/31f2c070-ad6f-4de9-b17d-402eedb05eac">https://echa.europa.eu/documents/10162/31f2c070-ad6f-4de9-b17d-402eedb05eac</a>	<a href="https://echa.europa.eu/documents/10162/e324f17f-e945-74ac-a7ea-9471cc2bfdec">https://echa.europa.eu/documents/10162/e324f17f-e945-74ac-a7ea-9471cc2bfdec</a>	
Sodium peroxometaborate		231-556-4	7632-04-4	Toxic for reproduction (Article 57c)	16-Jun-2014	<a href="https://echa.europa.eu/documents/10162/55e1c126-a528-440f-8c10-49a31b82eda3">https://echa.europa.eu/documents/10162/55e1c126-a528-440f-8c10-49a31b82eda3</a>	<a href="https://echa.europa.eu/documents/10162/59b315b3-efb1-4ffa-b4bb-3c2c1259da45">https://echa.europa.eu/documents/10162/59b315b3-efb1-4ffa-b4bb-3c2c1259da45</a>	<a href="https://echa.europa.eu/documents/10162/46e192c7-457f-43fc-b93f-14d2ce0347f9">https://echa.europa.eu/documents/10162/46e192c7-457f-43fc-b93f-14d2ce0347f9</a>	<a href="https://echa.europa.eu/documents/10162/993ec24b-d88d-8fc4-97af-6c71fca118fa">https://echa.europa.eu/documents/10162/993ec24b-d88d-8fc4-97af-6c71fca118fa</a>	
Sodium perborate, perboric acid, sodium salt		-	-	Toxic for reproduction (Article 57c)	16-Jun-2014	<a href="https://echa.europa.eu/documents/10162/b5ae52f9-bb66-62b5-9950-242db987ec5a">https://echa.europa.eu/documents/10162/b5ae52f9-bb66-62b5-9950-242db987ec5a</a>	<a href="https://echa.europa.eu/documents/10162/ec145926-d7d2-a584-9c82-e325a05367a3">https://echa.europa.eu/documents/10162/ec145926-d7d2-a584-9c82-e325a05367a3</a>	<a href="https://echa.europa.eu/documents/10162/42fee5a3-e00e-e554-30cb-66a735d4fe9e">https://echa.europa.eu/documents/10162/42fee5a3-e00e-e554-30cb-66a735d4fe9e</a>	<a href="https://echa.europa.eu/documents/10162/3af316eb-892a-abf5-48c2-b26c6f0351b5">https://echa.europa.eu/documents/10162/3af316eb-892a-abf5-48c2-b26c6f0351b5</a>	
Perboric acid, sodium salt, tetrahydrate ( )		-	37244-98-7	Toxic for reproduction (Article 57c)	16-Jun-2014	<a href="https://echa.europa.eu/documents/10162/b5ae52f9-bb66-62b5-9950-242db987ec5a">https://echa.europa.eu/documents/10162/b5ae52f9-bb66-62b5-9950-242db987ec5a</a>	<a href="https://echa.europa.eu/documents/10162/ec145926-d7d2-a584-9c82-e325a05367a3">https://echa.europa.eu/documents/10162/ec145926-d7d2-a584-9c82-e325a05367a3</a>	<a href="https://echa.europa.eu/documents/10162/42fee5a3-e00e-e554-30cb-66a735d4fe9e">https://echa.europa.eu/documents/10162/42fee5a3-e00e-e554-30cb-66a735d4fe9e</a>	<a href="https://echa.europa.eu/documents/10162/3af316eb-892a-abf5-48c2-b26c6f0351b5">https://echa.europa.eu/documents/10162/3af316eb-892a-abf5-48c2-b26c6f0351b5</a>	
Perboric acid (HBO(O <sub>2</sub> )), sodium salt, tetrahydrate		-	10486-00-7	Toxic for reproduction (Article 57c)	16-Jun-2014	<a href="https://echa.europa.eu/documents/10162/b5ae52f9-bb66-62b5-9950-242db987ec5a">https://echa.europa.eu/documents/10162/b5ae52f9-bb66-62b5-9950-242db987ec5a</a>	<a href="https://echa.europa.eu/documents/10162/ec145926-d7d2-a584-9c82-e325a05367a3">https://echa.europa.eu/documents/10162/ec145926-d7d2-a584-9c82-e325a05367a3</a>	<a href="https://echa.europa.eu/documents/10162/42fee5a3-e00e-e554-30cb-66a735d4fe9e">https://echa.europa.eu/documents/10162/42fee5a3-e00e-e554-30cb-66a735d4fe9e</a>	<a href="https://echa.europa.eu/documents/10162/3af316eb-892a-abf5-48c2-b26c6f0351b5">https://echa.europa.eu/documents/10162/3af316eb-892a-abf5-48c2-b26c6f0351b5</a>	
Sodium perborate monohydrate		-	10332-33-9	Toxic for reproduction (Article 57c)	16-Jun-2014	<a href="https://echa.europa.eu/documents/10162/b5ae52f9-bb66-62b5-9950-242db987ec5a">https://echa.europa.eu/documents/10162/b5ae52f9-bb66-62b5-9950-242db987ec5a</a>	<a href="https://echa.europa.eu/documents/10162/ec145926-d7d2-a584-9c82-e325a05367a3">https://echa.europa.eu/documents/10162/ec145926-d7d2-a584-9c82-e325a05367a3</a>	<a href="https://echa.europa.eu/documents/10162/42fee5a3-e00e-e554-30cb-66a735d4fe9e">https://echa.europa.eu/documents/10162/42fee5a3-e00e-e554-30cb-66a735d4fe9e</a>	<a href="https://echa.europa.eu/documents/10162/3af316eb-892a-abf5-48c2-b26c6f0351b5">https://echa.europa.eu/documents/10162/3af316eb-892a-abf5-48c2-b26c6f0351b5</a>	
Borate(2-), tetrahydroxybis[1¼-(peroxy-1°O1:1°O2)]di-, sodium, hydrate (1:2:6)		-	125022-34-6	Toxic for reproduction (Article 57c)	16-Jun-2014	<a href="https://echa.europa.eu/documents/10162/b5ae52f9-bb66-62b5-9950-242db987ec5a">https://echa.europa.eu/documents/10162/b5ae52f9-bb66-62b5-9950-242db987ec5a</a>	<a href="https://echa.europa.eu/documents/10162/ec145926-d7d2-a584-9c82-e325a05367a3">https://echa.europa.eu/documents/10162/ec145926-d7d2-a584-9c82-e325a05367a3</a>	<a href="https://echa.europa.eu/documents/10162/42fee5a3-e00e-e554-30cb-66a735d4fe9e">https://echa.europa.eu/documents/10162/42fee5a3-e00e-e554-30cb-66a735d4fe9e</a>	<a href="https://echa.europa.eu/documents/10162/3af316eb-892a-abf5-48c2-b26c6f0351b5">https://echa.europa.eu/documents/10162/3af316eb-892a-abf5-48c2-b26c6f0351b5</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Borate(2-), tetrahydroxybis[1/4-(peroxy-1°O1:1°O2)]di-, sodium (1:2)		-	90568-23-3	Toxic for reproduction (Article 57c)	16-Jun-2014	<a href="https://echa.europa.eu/documents/10162/b5ae52f9-bb66-62b5-9950-242db987ec5a">https://echa.europa.eu/documents/10162/b5ae52f9-bb66-62b5-9950-242db987ec5a</a>	<a href="https://echa.europa.eu/documents/10162/ec145926-d7d2-a584-9c82-e325a05367a3">https://echa.europa.eu/documents/10162/ec145926-d7d2-a584-9c82-e325a05367a3</a>	<a href="https://echa.europa.eu/documents/10162/42fee5a3-e00e-e554-30cb-66a735d4fe9e">https://echa.europa.eu/documents/10162/42fee5a3-e00e-e554-30cb-66a735d4fe9e</a>	<a href="https://echa.europa.eu/documents/10162/3af316eb-892a-abf5-48c2-b26c6f0351b5">https://echa.europa.eu/documents/10162/3af316eb-892a-abf5-48c2-b26c6f0351b5</a>	
Perboric acid, sodium salt		234-390-0	11138-47-9	Toxic for reproduction (Article 57c)	16-Jun-2014	<a href="https://echa.europa.eu/documents/10162/b5ae52f9-bb66-62b5-9950-242db987ec5a">https://echa.europa.eu/documents/10162/b5ae52f9-bb66-62b5-9950-242db987ec5a</a>	<a href="https://echa.europa.eu/documents/10162/ec145926-d7d2-a584-9c82-e325a05367a3">https://echa.europa.eu/documents/10162/ec145926-d7d2-a584-9c82-e325a05367a3</a>	<a href="https://echa.europa.eu/documents/10162/42fee5a3-e00e-e554-30cb-66a735d4fe9e">https://echa.europa.eu/documents/10162/42fee5a3-e00e-e554-30cb-66a735d4fe9e</a>	<a href="https://echa.europa.eu/documents/10162/3af316eb-892a-abf5-48c2-b26c6f0351b5">https://echa.europa.eu/documents/10162/3af316eb-892a-abf5-48c2-b26c6f0351b5</a>	
Perboric acid (H3BO2(O2)), monosodium salt, trihydrate		-	13517-20-9	Toxic for reproduction (Article 57c)	16-Jun-2014	<a href="https://echa.europa.eu/documents/10162/b5ae52f9-bb66-62b5-9950-242db987ec5a">https://echa.europa.eu/documents/10162/b5ae52f9-bb66-62b5-9950-242db987ec5a</a>	<a href="https://echa.europa.eu/documents/10162/ec145926-d7d2-a584-9c82-e325a05367a3">https://echa.europa.eu/documents/10162/ec145926-d7d2-a584-9c82-e325a05367a3</a>	<a href="https://echa.europa.eu/documents/10162/42fee5a3-e00e-e554-30cb-66a735d4fe9e">https://echa.europa.eu/documents/10162/42fee5a3-e00e-e554-30cb-66a735d4fe9e</a>	<a href="https://echa.europa.eu/documents/10162/3af316eb-892a-abf5-48c2-b26c6f0351b5">https://echa.europa.eu/documents/10162/3af316eb-892a-abf5-48c2-b26c6f0351b5</a>	
Sodium perborate		239-172-9	15120-21-5	Toxic for reproduction (Article 57c)	16-Jun-2014	<a href="https://echa.europa.eu/documents/10162/b5ae52f9-bb66-62b5-9950-242db987ec5a">https://echa.europa.eu/documents/10162/b5ae52f9-bb66-62b5-9950-242db987ec5a</a>	<a href="https://echa.europa.eu/documents/10162/ec145926-d7d2-a584-9c82-e325a05367a3">https://echa.europa.eu/documents/10162/ec145926-d7d2-a584-9c82-e325a05367a3</a>	<a href="https://echa.europa.eu/documents/10162/42fee5a3-e00e-e554-30cb-66a735d4fe9e">https://echa.europa.eu/documents/10162/42fee5a3-e00e-e554-30cb-66a735d4fe9e</a>	<a href="https://echa.europa.eu/documents/10162/3af316eb-892a-abf5-48c2-b26c6f0351b5">https://echa.europa.eu/documents/10162/3af316eb-892a-abf5-48c2-b26c6f0351b5</a>	
Cadmium chloride		233-296-7	10108-64-2	Carcinogenic (Article 57a), Mutagenic (Article 57b), Toxic for reproduction (Article 57c), Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	16-Jun-2014	<a href="https://echa.europa.eu/documents/10162/e2bc867c-de85-4d6d-a9d6-d856ab51685c">https://echa.europa.eu/documents/10162/e2bc867c-de85-4d6d-a9d6-d856ab51685c</a>	<a href="https://echa.europa.eu/documents/10162/a7d0cf7-deb2-402e-af3b-c3b1759615f9">https://echa.europa.eu/documents/10162/a7d0cf7-deb2-402e-af3b-c3b1759615f9</a>	<a href="https://echa.europa.eu/documents/10162/a210cd4d-6ef4-4f76-9fd9-5b35a7482c1b">https://echa.europa.eu/documents/10162/a210cd4d-6ef4-4f76-9fd9-5b35a7482c1b</a>	<a href="https://echa.europa.eu/documents/10162/dc9015af-635b-c359-b9d4-56d7725b9d58">https://echa.europa.eu/documents/10162/dc9015af-635b-c359-b9d4-56d7725b9d58</a>	
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear		271-093-5	68515-50-4	Toxic for reproduction (Article 57c)	16-Jun-2014	<a href="https://echa.europa.eu/documents/10162/34533e6e-84d2-4a40-815d-7a02dac17041">https://echa.europa.eu/documents/10162/34533e6e-84d2-4a40-815d-7a02dac17041</a>	<a href="https://echa.europa.eu/documents/10162/4ffa71cf-34d5-4968-9b46-58d2398a211a">https://echa.europa.eu/documents/10162/4ffa71cf-34d5-4968-9b46-58d2398a211a</a>	<a href="https://echa.europa.eu/documents/10162/f2fc61d4-7e23-4a9a-a52d-10ae36e9987e">https://echa.europa.eu/documents/10162/f2fc61d4-7e23-4a9a-a52d-10ae36e9987e</a>	<a href="https://echa.europa.eu/documents/10162/e4456f95-477d-9cf9-2fcb-3db6f05ca8ab">https://echa.europa.eu/documents/10162/e4456f95-477d-9cf9-2fcb-3db6f05ca8ab</a>	
Trixylyl phosphate		246-677-8	25155-23-1	Toxic for reproduction (Article 57c)	16-Dec-2013	<a href="https://echa.europa.eu/documents/10162/464f639f-6e07-4966-b63a-081ac8040e63">https://echa.europa.eu/documents/10162/464f639f-6e07-4966-b63a-081ac8040e63</a>	<a href="https://echa.europa.eu/documents/10162/e764d667-57dc-4956-8628-6245f36d5552">https://echa.europa.eu/documents/10162/e764d667-57dc-4956-8628-6245f36d5552</a>	<a href="https://echa.europa.eu/documents/10162/aa428e86-ed97-4450-8e78-cdbb06e46c8f">https://echa.europa.eu/documents/10162/aa428e86-ed97-4450-8e78-cdbb06e46c8f</a>	<a href="https://echa.europa.eu/documents/10162/3e37f35a-48a7-7ce9-a97d-7659def7e080">https://echa.europa.eu/documents/10162/3e37f35a-48a7-7ce9-a97d-7659def7e080</a>	
Lead di(acetate)		206-104-4	301-04-2	Toxic for reproduction (Article 57c)	16-Dec-2013	<a href="https://echa.europa.eu/documents/10162/ff4184dc-c595-4dc8-8241-941c073f2221">https://echa.europa.eu/documents/10162/ff4184dc-c595-4dc8-8241-941c073f2221</a>	<a href="https://echa.europa.eu/documents/10162/86ace337-8153-47fb-b0b0-8193c621c433">https://echa.europa.eu/documents/10162/86ace337-8153-47fb-b0b0-8193c621c433</a>	<a href="https://echa.europa.eu/documents/10162/49fa197b-8a06-4d92-abf4-f40ad0a6f815">https://echa.europa.eu/documents/10162/49fa197b-8a06-4d92-abf4-f40ad0a6f815</a>	<a href="https://echa.europa.eu/documents/10162/c0a30142-49b9-a857-0d20-e1a6f6da0525">https://echa.europa.eu/documents/10162/c0a30142-49b9-a857-0d20-e1a6f6da0525</a>	
Imidazolidine-2-thione (2-imidazoline-2-thiol)		202-506-9	96-45-7	Toxic for reproduction (Article 57c)	16-Dec-2013	<a href="https://echa.europa.eu/documents/10162/e01d8301-5596-4905-98ad-f17eb9455241">https://echa.europa.eu/documents/10162/e01d8301-5596-4905-98ad-f17eb9455241</a>	<a href="https://echa.europa.eu/documents/10162/85a2311e-2252-4f8a-b987-451846cee286">https://echa.europa.eu/documents/10162/85a2311e-2252-4f8a-b987-451846cee286</a>	<a href="https://echa.europa.eu/documents/10162/24751f9c-5206-4190-bcc9-3ca9418e0e31">https://echa.europa.eu/documents/10162/24751f9c-5206-4190-bcc9-3ca9418e0e31</a>	<a href="https://echa.europa.eu/documents/10162/f6d7dd12-593f-57e5-8026-a2f9cccf561f">https://echa.europa.eu/documents/10162/f6d7dd12-593f-57e5-8026-a2f9cccf561f</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Disodium 4-amino-3-[[[4'-(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)		217-710-3	1937-37-7	Carcinogenic (Article 57a)	16-Dec-2013	<a href="https://echa.europa.eu/documents/10162/6ab9d8cb-2d82-4dba-a68b-8752a00c4c76">https://echa.europa.eu/documents/10162/6ab9d8cb-2d82-4dba-a68b-8752a00c4c76</a>	<a href="https://echa.europa.eu/documents/10162/d04de1ae-26e0-45ac-969c-259a0cdd5338">https://echa.europa.eu/documents/10162/d04de1ae-26e0-45ac-969c-259a0cdd5338</a>	<a href="https://echa.europa.eu/documents/10162/ef1f3d0a-fc8b-4bf5-8bd1-71e80a2adf62">https://echa.europa.eu/documents/10162/ef1f3d0a-fc8b-4bf5-8bd1-71e80a2adf62</a>	<a href="https://echa.europa.eu/documents/10162/2261c554-cdf2-4ed1-9205-e54d68d6e20f">https://echa.europa.eu/documents/10162/2261c554-cdf2-4ed1-9205-e54d68d6e20f</a>	
Disodium 3,3'-[[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-amino naphthalene-1-sulphonate) (C.I. Direct Red 28)		209-358-4	573-58-0	Carcinogenic (Article 57a)	16-Dec-2013	<a href="https://echa.europa.eu/documents/10162/f9d799e8-5a32-44d1-b383-4c9695085cbf">https://echa.europa.eu/documents/10162/f9d799e8-5a32-44d1-b383-4c9695085cbf</a>	<a href="https://echa.europa.eu/documents/10162/fd83a2e5-21ca-4ec4-a4d2-2465637f90c0">https://echa.europa.eu/documents/10162/fd83a2e5-21ca-4ec4-a4d2-2465637f90c0</a>	<a href="https://echa.europa.eu/documents/10162/cf3a4398-3305-424e-ab1e-a02fbc548431">https://echa.europa.eu/documents/10162/cf3a4398-3305-424e-ab1e-a02fbc548431</a>	<a href="https://echa.europa.eu/documents/10162/e306453a-92c1-0aa9-469d-acde10267249">https://echa.europa.eu/documents/10162/e306453a-92c1-0aa9-469d-acde10267249</a>	
Dihexyl phthalate		201-559-5	84-75-3	Toxic for reproduction (Article 57c)	16-Dec-2013	<a href="https://echa.europa.eu/documents/10162/d90bb47a-7e33-43c3-82ad-18a55d39d502">https://echa.europa.eu/documents/10162/d90bb47a-7e33-43c3-82ad-18a55d39d502</a>	<a href="https://echa.europa.eu/documents/10162/eeef78d5-f23d-44b0-a3db-0357c698ae4b">https://echa.europa.eu/documents/10162/eeef78d5-f23d-44b0-a3db-0357c698ae4b</a>	<a href="https://echa.europa.eu/documents/10162/65336c46-c178-4b71-a927-15437e8b303a">https://echa.europa.eu/documents/10162/65336c46-c178-4b71-a927-15437e8b303a</a>	<a href="https://echa.europa.eu/documents/10162/fa40d148-4f2d-9cbe-7295-c2ada7db7356">https://echa.europa.eu/documents/10162/fa40d148-4f2d-9cbe-7295-c2ada7db7356</a>	
Cadmium sulphide		215-147-8	1306-23-6	Carcinogenic (Article 57a), Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	16-Dec-2013	<a href="https://echa.europa.eu/documents/10162/204bc9fa-0673-4753-bd0e-e3503b4a1956">https://echa.europa.eu/documents/10162/204bc9fa-0673-4753-bd0e-e3503b4a1956</a>	<a href="https://echa.europa.eu/documents/10162/f30a9a9a-9ce1-429e-96fb-7f24fe4de850">https://echa.europa.eu/documents/10162/f30a9a9a-9ce1-429e-96fb-7f24fe4de850</a>	<a href="https://echa.europa.eu/documents/10162/2aceee75-6b50-416c-aa30-d3131c5eeee3">https://echa.europa.eu/documents/10162/2aceee75-6b50-416c-aa30-d3131c5eeee3</a>	<a href="https://echa.europa.eu/documents/10162/8cce0a23-b9bfa13d-afa1-a42e946b4390">https://echa.europa.eu/documents/10162/8cce0a23-b9bfa13d-afa1-a42e946b4390</a>	
Pentadecafluorooctanoic acid (PFOA)		206-397-9	335-67-1	Toxic for reproduction (Article 57c), PBT (Article 57d)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/092663e6-b14a-4a06-aadf-fc0e56bc0a23">https://echa.europa.eu/documents/10162/092663e6-b14a-4a06-aadf-fc0e56bc0a23</a>	<a href="https://echa.europa.eu/documents/10162/facda3f9-a050-4f29-91f1-358175b67a39">https://echa.europa.eu/documents/10162/facda3f9-a050-4f29-91f1-358175b67a39</a>	<a href="https://echa.europa.eu/documents/10162/8059e342-1092-410f-bd85-80118a5526f5">https://echa.europa.eu/documents/10162/8059e342-1092-410f-bd85-80118a5526f5</a>	<a href="https://echa.europa.eu/documents/10162/730a8511-d866-e91a-d3ad-1f700ea36b8b">https://echa.europa.eu/documents/10162/730a8511-d866-e91a-d3ad-1f700ea36b8b</a>	
Dipentyl phthalate (DPP)		205-017-9	131-18-0	Toxic for reproduction (Article 57c)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/365998db-beb8-47b6-b080-ca5549397cd9">https://echa.europa.eu/documents/10162/365998db-beb8-47b6-b080-ca5549397cd9</a>	<a href="https://echa.europa.eu/documents/10162/8a80cf7b-cce9-4152-89f4-e8ad58ce6fde">https://echa.europa.eu/documents/10162/8a80cf7b-cce9-4152-89f4-e8ad58ce6fde</a>	<a href="https://echa.europa.eu/documents/10162/11bbf18f-02ac-4b12-a715-056df904057c">https://echa.europa.eu/documents/10162/11bbf18f-02ac-4b12-a715-056df904057c</a>	<a href="https://echa.europa.eu/documents/10162/7f0bea3d-3432-0528-6f36-53f3a2bef27a">https://echa.europa.eu/documents/10162/7f0bea3d-3432-0528-6f36-53f3a2bef27a</a>	
Cadmium oxide		215-146-2	1306-19-0	Carcinogenic (Article 57a), Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/2fb75d7e-485c-4edb-8c72-4204f224bbca">https://echa.europa.eu/documents/10162/2fb75d7e-485c-4edb-8c72-4204f224bbca</a>	<a href="https://echa.europa.eu/documents/10162/a03b1b4e-3090-455e-9cb0-1dc52005f7c0">https://echa.europa.eu/documents/10162/a03b1b4e-3090-455e-9cb0-1dc52005f7c0</a>	<a href="https://echa.europa.eu/documents/10162/f09f23c5-98fc-4e56-abc2-feae96de0f3d">https://echa.europa.eu/documents/10162/f09f23c5-98fc-4e56-abc2-feae96de0f3d</a>	<a href="https://echa.europa.eu/documents/10162/cf1074c6-b588-f914-90aa-85f885d3c8a4">https://echa.europa.eu/documents/10162/cf1074c6-b588-f914-90aa-85f885d3c8a4</a>	
Cadmium		231-152-8	7440-43-9	Carcinogenic (Article 57a), Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/49a335ae-1ec4-40e5-88fb-3b08702da95c">https://echa.europa.eu/documents/10162/49a335ae-1ec4-40e5-88fb-3b08702da95c</a>	<a href="https://echa.europa.eu/documents/10162/b252eefb-8012-46bb-8a47-74f166a0a8d4">https://echa.europa.eu/documents/10162/b252eefb-8012-46bb-8a47-74f166a0a8d4</a>	<a href="https://echa.europa.eu/documents/10162/a048359b-de39-4b7e-8602-51272a55aeae">https://echa.europa.eu/documents/10162/a048359b-de39-4b7e-8602-51272a55aeae</a>	<a href="https://echa.europa.eu/documents/10162/a852ca1e-50fbc3a4-f14d-2fee19c69701">https://echa.europa.eu/documents/10162/a852ca1e-50fbc3a4-f14d-2fee19c69701</a>	
Ammonium pentadecafluorooctanoate (APFO)		223-320-4	3825-26-1	Toxic for reproduction (Article 57c), PBT (Article 57d)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/b06436fd-6367-4a2f-b6a2-2b8ffa183ae9">https://echa.europa.eu/documents/10162/b06436fd-6367-4a2f-b6a2-2b8ffa183ae9</a>	<a href="https://echa.europa.eu/documents/10162/df602a5b-2df3-490f-ad1c-e2e782ad7dc9">https://echa.europa.eu/documents/10162/df602a5b-2df3-490f-ad1c-e2e782ad7dc9</a>	<a href="https://echa.europa.eu/documents/10162/5e2c1e53-be98-4104-8b96-9cd88655a92a">https://echa.europa.eu/documents/10162/5e2c1e53-be98-4104-8b96-9cd88655a92a</a>	<a href="https://echa.europa.eu/documents/10162/8cf84645-353d-7cb2-bdc3-c44d12e19c84">https://echa.europa.eu/documents/10162/8cf84645-353d-7cb2-bdc3-c44d12e19c84</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
4-Nonylphenol, branched and linear, ethoxylated	substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof	-	-	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529b39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529b39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74c-b38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74c-b38b-aa95-3730bf89372d</a>	
2-[2-(4-nonylphenoxy)ethoxy]ethanol		243-816-4	20427-84-3	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529b39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529b39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74c-b38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74c-b38b-aa95-3730bf89372d</a>	
Nonylphenol, ethoxylated		500-024-6	9016-45-9	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529b39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529b39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74c-b38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74c-b38b-aa95-3730bf89372d</a>	
20-(4-nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol		248-743-1	27942-27-4	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529b39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529b39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74c-b38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74c-b38b-aa95-3730bf89372d</a>	
26-(4-Nonylphenoxy)-3,6,9,12,15,18,21,24-octaohexacosan-1-ol		-	14409-72-4	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529b39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529b39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74c-b38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74c-b38b-aa95-3730bf89372d</a>	



Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Poly(oxy-1,2-ethanediyl), ±-(nonylphenyl)-hydroxy-, branched		-	68412-54-4	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	
Poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy-, branched		-	68412-54-4	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	
4-Nonylphenol, ethoxylated	1 - 2.5 moles ethoxylated	500-045-0	26027-38-3	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	
Nonylphenol, ethoxylated (15-EO)		-	9016-45-9	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	
Nonylphenol, ethoxylated (10-EO)		-	9016-45-9	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	
Nonylphenol, ethoxylated (8-EO)		-	9016-45-9	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Nonylphenol, ethoxylated (6,5-EO)		-	9016-45-9	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74c-b38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74c-b38b-aa95-3730bf89372d</a>	
Nonylphenol, branched, ethoxylated	1 - 2.5 moles ethoxylated	500-209-1	68412-54-4	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74c-b38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74c-b38b-aa95-3730bf89372d</a>	
2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]ethoxy]ethanol		230-770-5	7311-27-5	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74c-b38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74c-b38b-aa95-3730bf89372d</a>	
26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxa hexacosan-1-ol;		255-695-5	42173-90-0	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74c-b38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74c-b38b-aa95-3730bf89372d</a>	
44-(nonylphenoxy)-3,6,9,12,15,18,21,24,27,30,33,36,39,42-tetradecaoxa tetratetracontanol		260-678-0	57321-10-5	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74c-b38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74c-b38b-aa95-3730bf89372d</a>	
14-(nonylphenoxy)-3,6,9,12-tetraoxatetradecan-1-ol		247-555-7	26264-02-8	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74c-b38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74c-b38b-aa95-3730bf89372d</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Nonylphenolpolyglycoether		-	-	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	
2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethanol		-	1119449-37-4	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	
2-[2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethoxy]ethanol		-	1119449-38-5	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	
3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-, branched		293-926-1	91648-64-5	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	
26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxa hexacosan-1-ol		247-816-5	26571-11-9	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	
2-[2-(nonylphenoxy)ethoxy]ethanol		248-291-5	27176-93-8	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
20-(nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol		248-292-0	27177-03-3	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	
23-(nonylphenoxy)-3,6,9,12,15,18,21-heptaoxatriocosan-1-ol		248-293-6	27177-05-5	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	
29-(nonylphenoxy)-3,6,9,12,15,18,21,24,27-nonaoxanonacosanol		248-294-1	27177-08-8	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	
2-(nonylphenoxy)ethanol		248-762-5	27986-36-3	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	
2-(isononylphenoxy)ethanol		284-987-5	85005-55-6	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	
4-Nonylphenol, branched, ethoxylated		-	127087-87-0	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Poly(oxy-1,2-ethanediyl), 1±-(nonylphenyl)-1%--hydroxy-		-	9016-45-9	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	
Isononylphenol, ethoxylated		-	37205-87-1	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	
17-(4-nonylphenoxy)-3,6,9,12,15-pentaoxaheptadecan-1-ol		-	34166-38-6	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	
4-Nonylphenol, branched, ethoxylated	1 - 2.5 moles ethoxylated	500-315-8	127087-87-0	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	
Nonylphenol, ethoxylated (EO = 10)		-	-	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	
Nonylphenol, ethoxylated (EO = 4)		-	-	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Nonylphenol, ethoxylated (polymer)		-	-	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	
3,6,9,12,15,18,21,24,27-Nonaoxanonacosan-1-ol, 29-(isononylphenoxy)-		-	65455-72-3	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	
3,6,9,12,15-Pentaoxaheptadecan-1-ol, 17-(nonylphenoxy)-		-	27177-01-1	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	
2-(4-nonylphenoxy)ethanol		-	104-35-8	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	
3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-		-	20636-48-0	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	
20-(isononylphenoxy)-3,6,9,12,15,18-hexaoicosan-1-ol		265-785-6	65455-69-8	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74cb38b-aa95-3730bf89372d</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
4-t-Nonylphenol-diethoxylate		-	156609-10-8	Endocrine disrupting properties (Article 57(f) - environment)	20-Jun-2013	<a href="https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9">https://echa.europa.eu/documents/10162/fd80f890-fb73-4201-8e2f-06dc04eaf5a9</a>	<a href="https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf">https://echa.europa.eu/documents/10162/90d219f2-cd83-4e2b-bb9e-3ed6d5ff91bf</a>	<a href="https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae">https://echa.europa.eu/documents/10162/9af34d5f-cd2f-4e63-859c-529bb39da7ae</a> , <a href="https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5">https://echa.europa.eu/documents/10162/33836bb4-e6b9-b686-1dc9-e8618ee32db5</a>	<a href="https://echa.europa.eu/documents/10162/0ef7af92-b74c-b38b-aa95-3730bf89372d">https://echa.europa.eu/documents/10162/0ef7af92-b74c-b38b-aa95-3730bf89372d</a>	
Trilead dioxide phosphonate		235-252-2	12141-20-7	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/af3610a5-f180-4fcd-95b7-636e43da9198">https://echa.europa.eu/documents/10162/af3610a5-f180-4fcd-95b7-636e43da9198</a>	<a href="https://echa.europa.eu/documents/10162/57804b85-bfe3-4fb3-ba6e-85681ae9a946">https://echa.europa.eu/documents/10162/57804b85-bfe3-4fb3-ba6e-85681ae9a946</a>	<a href="https://echa.europa.eu/documents/10162/0b3bffd5-ee49-4d1d-9ef7-7e1aeed13818">https://echa.europa.eu/documents/10162/0b3bffd5-ee49-4d1d-9ef7-7e1aeed13818</a>	<a href="https://echa.europa.eu/documents/10162/e890ef44-027b-69a9-123e-020a2e1ed3fd">https://echa.europa.eu/documents/10162/e890ef44-027b-69a9-123e-020a2e1ed3fd</a>	
Trilead bis(carbonate) dihydroxide		215-290-6	1319-46-6	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/bd13bb56-cf5a-4eee-b7a2-367ba3838e86">https://echa.europa.eu/documents/10162/bd13bb56-cf5a-4eee-b7a2-367ba3838e86</a>	<a href="https://echa.europa.eu/documents/10162/e8388e88-796e-48d6-b857-92e1de8cba7b">https://echa.europa.eu/documents/10162/e8388e88-796e-48d6-b857-92e1de8cba7b</a>	<a href="https://echa.europa.eu/documents/10162/4641a546-af85-9bd7-f550-8a6269bd02f8">https://echa.europa.eu/documents/10162/4641a546-af85-9bd7-f550-8a6269bd02f8</a>	<a href="https://echa.europa.eu/documents/10162/2620a423-631b-ddac-0985-16571444b4be">https://echa.europa.eu/documents/10162/2620a423-631b-ddac-0985-16571444b4be</a>	
Tricosafuorododecanoic acid		206-203-2	307-55-1	vPvB (Article 57e)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/dd827b99-e744-4d49-84c3-00b82732059b">https://echa.europa.eu/documents/10162/dd827b99-e744-4d49-84c3-00b82732059b</a>	<a href="https://echa.europa.eu/documents/10162/10982bb6-eb4f-4b49-8ae2-934e051c4227">https://echa.europa.eu/documents/10162/10982bb6-eb4f-4b49-8ae2-934e051c4227</a>	<a href="https://echa.europa.eu/documents/10162/44fd0731-2211-0216-b984-e3cd0f32d5ca">https://echa.europa.eu/documents/10162/44fd0731-2211-0216-b984-e3cd0f32d5ca</a>	<a href="https://echa.europa.eu/documents/10162/ed8c31e6-8c70-9a9f-6861-06cd4d493c09">https://echa.europa.eu/documents/10162/ed8c31e6-8c70-9a9f-6861-06cd4d493c09</a>	
Tetralead trioxide sulphate		235-380-9	12202-17-4	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/f56110e1-a0d6-4a1e-8c7d-9940d5ec8d91">https://echa.europa.eu/documents/10162/f56110e1-a0d6-4a1e-8c7d-9940d5ec8d91</a>	<a href="https://echa.europa.eu/documents/10162/08f78ab7-6708-418d-ab77-adf1100ab429">https://echa.europa.eu/documents/10162/08f78ab7-6708-418d-ab77-adf1100ab429</a>	<a href="https://echa.europa.eu/documents/10162/735b9afe-5a6a-41d2-9b7b-7758ec3c5702">https://echa.europa.eu/documents/10162/735b9afe-5a6a-41d2-9b7b-7758ec3c5702</a>	<a href="https://echa.europa.eu/documents/10162/1339c831-6e8e-da3a-a622-55892c08ebc0">https://echa.europa.eu/documents/10162/1339c831-6e8e-da3a-a622-55892c08ebc0</a>	
Tetraethyllead		201-075-4	78-00-2	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/0b417b76-b533-42a1-9bd2-519f1dc1990d">https://echa.europa.eu/documents/10162/0b417b76-b533-42a1-9bd2-519f1dc1990d</a>	<a href="https://echa.europa.eu/documents/10162/118d71ba-5734-45ac-9dfe-ab74edca7803">https://echa.europa.eu/documents/10162/118d71ba-5734-45ac-9dfe-ab74edca7803</a>	<a href="https://echa.europa.eu/documents/10162/136a8d6e-ebac-4000-8183-ad9176fd134b">https://echa.europa.eu/documents/10162/136a8d6e-ebac-4000-8183-ad9176fd134b</a>	<a href="https://echa.europa.eu/documents/10162/35c5243b-558d-85ff-94f8-e54babc4986">https://echa.europa.eu/documents/10162/35c5243b-558d-85ff-94f8-e54babc4986</a>	
Sulfurous acid, lead salt, dibasic		263-467-1	62229-08-7	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/486d5d7c-c872-48cf-9392-e86ecff34c04">https://echa.europa.eu/documents/10162/486d5d7c-c872-48cf-9392-e86ecff34c04</a>	<a href="https://echa.europa.eu/documents/10162/44b75647-0300-4836-a312-f11ba9574ece">https://echa.europa.eu/documents/10162/44b75647-0300-4836-a312-f11ba9574ece</a>	<a href="https://echa.europa.eu/documents/10162/cc6c0ca7-538e-4a5b-88fe-b1a635241a45">https://echa.europa.eu/documents/10162/cc6c0ca7-538e-4a5b-88fe-b1a635241a45</a>	<a href="https://echa.europa.eu/documents/10162/679974d0-99da-fb52-5344-70942eaf0b21">https://echa.europa.eu/documents/10162/679974d0-99da-fb52-5344-70942eaf0b21</a>	
Silicic acid, lead salt		234-363-3	11120-22-2	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/a7314719-5b08-47ef-9ee7-daca71e06f54">https://echa.europa.eu/documents/10162/a7314719-5b08-47ef-9ee7-daca71e06f54</a>	<a href="https://echa.europa.eu/documents/10162/8a921407-3b0f-471a-a684-131dfba77523">https://echa.europa.eu/documents/10162/8a921407-3b0f-471a-a684-131dfba77523</a>	<a href="https://echa.europa.eu/documents/10162/13a5f189-b83e-e1b4-b201-084b82fd7a68">https://echa.europa.eu/documents/10162/13a5f189-b83e-e1b4-b201-084b82fd7a68</a>	<a href="https://echa.europa.eu/documents/10162/426137d8-a88b-d850-0610-3eab583446ad">https://echa.europa.eu/documents/10162/426137d8-a88b-d850-0610-3eab583446ad</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped	with lead (Pb) content above the applicable generic concentration limit for $\hat{\alpha}$ ™ toxicity for reproduction $\hat{\alpha}$ ™ Repr. 1A (CLP) or category 1 (DSD), the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008	272-271-5	68784-75-8	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/6bd3a623-dbc-43ff-a5fa-87710fc4053b">https://echa.europa.eu/documents/10162/6bd3a623-dbc-43ff-a5fa-87710fc4053b</a>	<a href="https://echa.europa.eu/documents/10162/d0de0c48-5768-4589-8dd4-dbcafce8e7dd">https://echa.europa.eu/documents/10162/d0de0c48-5768-4589-8dd4-dbcafce8e7dd</a>	<a href="https://echa.europa.eu/documents/10162/ca9a6d0f-2618-bf67-6c3b-63bc706422bc">https://echa.europa.eu/documents/10162/ca9a6d0f-2618-bf67-6c3b-63bc706422bc</a>	<a href="https://echa.europa.eu/documents/10162/602a0aad-a902-c5b7-421b-56a30dc89a4a">https://echa.europa.eu/documents/10162/602a0aad-a902-c5b7-421b-56a30dc89a4a</a>	
Pyrochlore, antimony lead yellow	-	232-382-1	8012-00-8	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/9e101a56-02e0-481f-babb-e4f62d36912b">https://echa.europa.eu/documents/10162/9e101a56-02e0-481f-babb-e4f62d36912b</a>	<a href="https://echa.europa.eu/documents/10162/3da568db-d1e1-4082-b0c7-78246ccb1489">https://echa.europa.eu/documents/10162/3da568db-d1e1-4082-b0c7-78246ccb1489</a>	<a href="https://echa.europa.eu/documents/10162/1014fa88-d28e-4385-8530-fe2c38032c27">https://echa.europa.eu/documents/10162/1014fa88-d28e-4385-8530-fe2c38032c27</a>	<a href="https://echa.europa.eu/documents/10162/d19da13c-65ed-6bcc-6922-e499ef3caba7">https://echa.europa.eu/documents/10162/d19da13c-65ed-6bcc-6922-e499ef3caba7</a>	
Pentalead tetraoxide sulphate		235-067-7	12065-90-6	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/664946a7-1fba-487d-8d28-f47de7fb3a5c">https://echa.europa.eu/documents/10162/664946a7-1fba-487d-8d28-f47de7fb3a5c</a>	<a href="https://echa.europa.eu/documents/10162/adc19a74-9ef0-4920-93c5-0b25d600b8c4">https://echa.europa.eu/documents/10162/adc19a74-9ef0-4920-93c5-0b25d600b8c4</a>	<a href="https://echa.europa.eu/documents/10162/5a790e77-efd4-4c56-84bb-b00a92b732b4">https://echa.europa.eu/documents/10162/5a790e77-efd4-4c56-84bb-b00a92b732b4</a>	<a href="https://echa.europa.eu/documents/10162/690d1df2-8058-e37f-235f-ca184e88ea88">https://echa.europa.eu/documents/10162/690d1df2-8058-e37f-235f-ca184e88ea88</a>	
Pentacosfluorotridecanoic acid		276-745-2	72629-94-8	vPvB (Article 57e)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/0df4a67b-03ac-4468-b6b5-6526237f92ba">https://echa.europa.eu/documents/10162/0df4a67b-03ac-4468-b6b5-6526237f92ba</a>	<a href="https://echa.europa.eu/documents/10162/111ddac8-608d-c1ab-2473-f67e2e314d39">https://echa.europa.eu/documents/10162/111ddac8-608d-c1ab-2473-f67e2e314d39</a>	<a href="https://echa.europa.eu/documents/10162/4894dac8-608d-c1ab-2473-f67e2e314d39">https://echa.europa.eu/documents/10162/4894dac8-608d-c1ab-2473-f67e2e314d39</a>	<a href="https://echa.europa.eu/documents/10162/b2524815-0623-1a5e-6bea-1f908ea9123f">https://echa.europa.eu/documents/10162/b2524815-0623-1a5e-6bea-1f908ea9123f</a>	
Orange lead (lead tetraoxide)		215-235-6	1314-41-6	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/97af2122-f294-472c-9cc8-978f116c6929">https://echa.europa.eu/documents/10162/97af2122-f294-472c-9cc8-978f116c6929</a>	<a href="https://echa.europa.eu/documents/10162/aab36e2a-90e2-46b0-b940-07e4cf119f05">https://echa.europa.eu/documents/10162/aab36e2a-90e2-46b0-b940-07e4cf119f05</a>	<a href="https://echa.europa.eu/documents/10162/28065aee-33ca-5892-0d45-484e326f6700">https://echa.europa.eu/documents/10162/28065aee-33ca-5892-0d45-484e326f6700</a>	<a href="https://echa.europa.eu/documents/10162/9d2032aa-9839-6ab3-dc80-3b9227d496b0">https://echa.europa.eu/documents/10162/9d2032aa-9839-6ab3-dc80-3b9227d496b0</a>	
o-toluidine		202-429-0	95-53-4	Carcinogenic (Article 57a)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/953517bb-4055-4a5b-9ed7-4bb69c3b96e7">https://echa.europa.eu/documents/10162/953517bb-4055-4a5b-9ed7-4bb69c3b96e7</a>	<a href="https://echa.europa.eu/documents/10162/c4e9db39-8285-48d9-87b3-29c15c861802">https://echa.europa.eu/documents/10162/c4e9db39-8285-48d9-87b3-29c15c861802</a>	<a href="https://echa.europa.eu/documents/10162/2963ade6-f093-4c8c-b9b2-604f538a3131">https://echa.europa.eu/documents/10162/2963ade6-f093-4c8c-b9b2-604f538a3131</a>	<a href="https://echa.europa.eu/documents/10162/40cf30c-61e5-7020-5613-2c1960a359f0">https://echa.europa.eu/documents/10162/40cf30c-61e5-7020-5613-2c1960a359f0</a>	
o-aminoazotoluene		202-591-2	97-56-3	Carcinogenic (Article 57a)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/d7aaf254-b61a-48a2-9f03-9c49bd0164c1">https://echa.europa.eu/documents/10162/d7aaf254-b61a-48a2-9f03-9c49bd0164c1</a>	<a href="https://echa.europa.eu/documents/10162/d1a365c6-34d1-4fda-81c7-09c7f4b07a77">https://echa.europa.eu/documents/10162/d1a365c6-34d1-4fda-81c7-09c7f4b07a77</a>	<a href="https://echa.europa.eu/documents/10162/b94dedbc-8af4-4223-b68e-fcdccce3119">https://echa.europa.eu/documents/10162/b94dedbc-8af4-4223-b68e-fcdccce3119</a>	<a href="https://echa.europa.eu/documents/10162/6b9044f3-d941-fb0d-096b-286a4dd77761">https://echa.europa.eu/documents/10162/6b9044f3-d941-fb0d-096b-286a4dd77761</a>	
n-pentyl-isopentyl phthalate		-	776297-69-9	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/d54fc5db-a2c6-4b1c-9000-e398645ad294">https://echa.europa.eu/documents/10162/d54fc5db-a2c6-4b1c-9000-e398645ad294</a>	<a href="https://echa.europa.eu/documents/10162/c33869fc-43f1-44c2-812f-0c6ad82104c6">https://echa.europa.eu/documents/10162/c33869fc-43f1-44c2-812f-0c6ad82104c6</a>	<a href="https://echa.europa.eu/documents/10162/73ef6184-8578-44dc-ac23-8034f1db5471">https://echa.europa.eu/documents/10162/73ef6184-8578-44dc-ac23-8034f1db5471</a>	<a href="https://echa.europa.eu/documents/10162/604ad38f-b652-c9af-2d99-88eba89b1809">https://echa.europa.eu/documents/10162/604ad38f-b652-c9af-2d99-88eba89b1809</a>	
N-methylacetamide		201-182-6	79-16-3	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/2d6d4c98-5c55-41ff-89e0-6557aed1c003">https://echa.europa.eu/documents/10162/2d6d4c98-5c55-41ff-89e0-6557aed1c003</a>	<a href="https://echa.europa.eu/documents/10162/cd5a3079-1069-4f2f-815c-a62871476a7">https://echa.europa.eu/documents/10162/cd5a3079-1069-4f2f-815c-a62871476a7</a>	<a href="https://echa.europa.eu/documents/10162/df25f106-5e4c-4f4b-baed-fc2251e9d233">https://echa.europa.eu/documents/10162/df25f106-5e4c-4f4b-baed-fc2251e9d233</a>	<a href="https://echa.europa.eu/documents/10162/45f25c3e-6382-15e2-b6cc-d981bb3caa0f">https://echa.europa.eu/documents/10162/45f25c3e-6382-15e2-b6cc-d981bb3caa0f</a>	



Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
N,N-dimethylformamide		200-679-5	68-12-2	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/52c73750-c192-457c-9c48-2bd9776cec88">https://echa.europa.eu/documents/10162/52c73750-c192-457c-9c48-2bd9776cec88</a>	<a href="https://echa.europa.eu/documents/10162/e3a1814f-6a8c-4c02-858e-74f98d525824">https://echa.europa.eu/documents/10162/e3a1814f-6a8c-4c02-858e-74f98d525824</a>	<a href="https://echa.europa.eu/documents/10162/64875a92-e9c1-3d65-6722-0fab6c7283b3">https://echa.europa.eu/documents/10162/64875a92-e9c1-3d65-6722-0fab6c7283b3</a>	<a href="https://echa.europa.eu/documents/10162/f9d62a48-e855-fb93-e3dc-aa5187fabd7f">https://echa.europa.eu/documents/10162/f9d62a48-e855-fb93-e3dc-aa5187fabd7f</a>	
Methyloxirane (Propylene oxide)		200-879-2	75-56-9	Carcinogenic (Article 57a), Mutagenic (Article 57b)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/005a9afb-2a53-41df-8711-5c28765c6e6b">https://echa.europa.eu/documents/10162/005a9afb-2a53-41df-8711-5c28765c6e6b</a>	<a href="https://echa.europa.eu/documents/10162/38636e85-49ef-4b37-890c-65ba488e7521">https://echa.europa.eu/documents/10162/38636e85-49ef-4b37-890c-65ba488e7521</a>	<a href="https://echa.europa.eu/documents/10162/60dcb e57-a21b-4420-9e9a-33780223b72e">https://echa.europa.eu/documents/10162/60dcb e57-a21b-4420-9e9a-33780223b72e</a>	<a href="https://echa.europa.eu/documents/10162/0d327156-85d3-bcf9-7b7c-96e26eaa10c9">https://echa.europa.eu/documents/10162/0d327156-85d3-bcf9-7b7c-96e26eaa10c9</a>	
Methoxyacetic acid		210-894-6	625-45-6	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/afb7a0e1-9222-4385-88cf-71c0b06191d0">https://echa.europa.eu/documents/10162/afb7a0e1-9222-4385-88cf-71c0b06191d0</a>	<a href="https://echa.europa.eu/documents/10162/2a9e3fcd-2243-4357-b837-9532235a307f">https://echa.europa.eu/documents/10162/2a9e3fcd-2243-4357-b837-9532235a307f</a>	<a href="https://echa.europa.eu/documents/10162/0be0390a-a33a-d8f0-7aa5-5fe e34deff20">https://echa.europa.eu/documents/10162/0be0390a-a33a-d8f0-7aa5-5fe e34deff20</a>	<a href="https://echa.europa.eu/documents/10162/280be7f8-c3f1-1589-ddaa-a203f59faad7">https://echa.europa.eu/documents/10162/280be7f8-c3f1-1589-ddaa-a203f59faad7</a>	
Lead titanium zirconium oxide		235-727-4	12626-81-2	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/01818c6d-bcc9-4136-9eec-888823ae5fb0">https://echa.europa.eu/documents/10162/01818c6d-bcc9-4136-9eec-888823ae5fb0</a>	<a href="https://echa.europa.eu/documents/10162/b655b355-0ced-4795-a2d2-76c912c7acca">https://echa.europa.eu/documents/10162/b655b355-0ced-4795-a2d2-76c912c7acca</a>	<a href="https://echa.europa.eu/documents/10162/319be01e-c34d-7d76-1b3a-7e463c763751">https://echa.europa.eu/documents/10162/319be01e-c34d-7d76-1b3a-7e463c763751</a>	<a href="https://echa.europa.eu/documents/10162/fedc8ac1-2c73-5364-2e71-4bde22939b55">https://echa.europa.eu/documents/10162/fedc8ac1-2c73-5364-2e71-4bde22939b55</a>	
Lead titanium trioxide		235-038-9	12060-00-3	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/933f22c2-cfa6-4126-b0a5-3ba33ce75487">https://echa.europa.eu/documents/10162/933f22c2-cfa6-4126-b0a5-3ba33ce75487</a>	<a href="https://echa.europa.eu/documents/10162/d69baa79-6ed9-4c3e-9aed-584577c19696">https://echa.europa.eu/documents/10162/d69baa79-6ed9-4c3e-9aed-584577c19696</a>	<a href="https://echa.europa.eu/documents/10162/a1fbea0a-5718-38cc-c08a-66341ecb969e">https://echa.europa.eu/documents/10162/a1fbea0a-5718-38cc-c08a-66341ecb969e</a>	<a href="https://echa.europa.eu/documents/10162/c5034009-0357-8d59-0128-23c99dddeb4b">https://echa.europa.eu/documents/10162/c5034009-0357-8d59-0128-23c99dddeb4b</a>	
Lead oxide sulfate		234-853-7	12036-76-9	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/23bfbbe6-9985-42fe-b401-a7df81ec12cc">https://echa.europa.eu/documents/10162/23bfbbe6-9985-42fe-b401-a7df81ec12cc</a>	<a href="https://echa.europa.eu/documents/10162/50822d59-490c-4e01-88c3-c8ff8d2d389a">https://echa.europa.eu/documents/10162/50822d59-490c-4e01-88c3-c8ff8d2d389a</a>	<a href="https://echa.europa.eu/documents/10162/0362e7d9-bcb5-41bc-945c-19365594480f">https://echa.europa.eu/documents/10162/0362e7d9-bcb5-41bc-945c-19365594480f</a>	<a href="https://echa.europa.eu/documents/10162/58651835-2c5c-28bb-0653-9e13a2f98666">https://echa.europa.eu/documents/10162/58651835-2c5c-28bb-0653-9e13a2f98666</a>	
Lead monoxide (lead oxide)		215-267-0	1317-36-8	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/ea71029e-f8de-4e5d-a393-6961aefd6e14">https://echa.europa.eu/documents/10162/ea71029e-f8de-4e5d-a393-6961aefd6e14</a>	<a href="https://echa.europa.eu/documents/10162/86c143a2-eb69-44bd-9710-73ab2aca57fc">https://echa.europa.eu/documents/10162/86c143a2-eb69-44bd-9710-73ab2aca57fc</a>	<a href="https://echa.europa.eu/documents/10162/229a3cca-ceeb-101d-1247-2e824784f473">https://echa.europa.eu/documents/10162/229a3cca-ceeb-101d-1247-2e824784f473</a>	<a href="https://echa.europa.eu/documents/10162/e456243a-65e4-5d07-6332-fd323cdd406e">https://echa.europa.eu/documents/10162/e456243a-65e4-5d07-6332-fd323cdd406e</a>	
Lead dinitrate		233-245-9	10099-74-8	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/e1c55ba4-1f9a-4633-b4c3-fda ba005b095">https://echa.europa.eu/documents/10162/e1c55ba4-1f9a-4633-b4c3-fda ba005b095</a>	<a href="https://echa.europa.eu/documents/10162/97c17507-b6bc-42d7-8aac-59c0c0e9c21b">https://echa.europa.eu/documents/10162/97c17507-b6bc-42d7-8aac-59c0c0e9c21b</a>	<a href="https://echa.europa.eu/documents/10162/be34d0ca-8d1e-488f-8b49-35063b0054b3">https://echa.europa.eu/documents/10162/be34d0ca-8d1e-488f-8b49-35063b0054b3</a>	<a href="https://echa.europa.eu/documents/10162/c3be9101-a646-b11c-7aaa-427d650ea242">https://echa.europa.eu/documents/10162/c3be9101-a646-b11c-7aaa-427d650ea242</a>	
Lead cyanamidate		244-073-9	20837-86-9	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/a6f8212c-590f-469a-b6c1-140f234e4518">https://echa.europa.eu/documents/10162/a6f8212c-590f-469a-b6c1-140f234e4518</a>	<a href="https://echa.europa.eu/documents/10162/0225706b-6dbf-4b6f-94f8-fa3e8fc24ff6">https://echa.europa.eu/documents/10162/0225706b-6dbf-4b6f-94f8-fa3e8fc24ff6</a>	<a href="https://echa.europa.eu/documents/10162/7f3131c3-b63f-49e8-9717-68dc7883b549">https://echa.europa.eu/documents/10162/7f3131c3-b63f-49e8-9717-68dc7883b549</a>	<a href="https://echa.europa.eu/documents/10162/1f7fc65b-4cfc-ebc2-f9ac-73d043977553">https://echa.europa.eu/documents/10162/1f7fc65b-4cfc-ebc2-f9ac-73d043977553</a>	
Lead bis(tetrafluoroborate)		237-486-0	13814-96-5	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/56f43ea4-a623-4d5e-b741-fee1fef7e771">https://echa.europa.eu/documents/10162/56f43ea4-a623-4d5e-b741-fee1fef7e771</a>	<a href="https://echa.europa.eu/documents/10162/0d9b7449-9ec1-4c1e-a117-294cccc4aa9d">https://echa.europa.eu/documents/10162/0d9b7449-9ec1-4c1e-a117-294cccc4aa9d</a>	<a href="https://echa.europa.eu/documents/10162/3d78e51f-bd96-fd06-4cd4-9d268d040478">https://echa.europa.eu/documents/10162/3d78e51f-bd96-fd06-4cd4-9d268d040478</a>	<a href="https://echa.europa.eu/documents/10162/5257f061-6e42-e233-84f3-1904b0529ce0">https://echa.europa.eu/documents/10162/5257f061-6e42-e233-84f3-1904b0529ce0</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Hexahydromethylphthalic anhydride	including cis- and trans-stereo isomeric forms and all possible combinations of the isomers	-	-	Respiratory sensitising properties (Article 57(f) - human health)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/81052549-dd49-40b5-9388-b5a72a1a3fb3">https://echa.europa.eu/documents/10162/81052549-dd49-40b5-9388-b5a72a1a3fb3</a>	<a href="https://echa.europa.eu/documents/10162/bd282c4d-91b6-4537-9f27-b65a5fccbd48">https://echa.europa.eu/documents/10162/bd282c4d-91b6-4537-9f27-b65a5fccbd48</a> , <a href="https://echa.europa.eu/documents/10162/670b8e64-298e-4ed7-939f-67da04164a42">https://echa.europa.eu/documents/10162/670b8e64-298e-4ed7-939f-67da04164a42</a> , <a href="https://echa.europa.eu/documents/10162/7e96ce49-1e77-4333-8e0e-35892531aa5c">https://echa.europa.eu/documents/10162/7e96ce49-1e77-4333-8e0e-35892531aa5c</a> , <a href="https://echa.europa.eu/document/s/10162/081b759a-1aae-42d9-9f62-4051fb9187bc">https://echa.europa.eu/document/s/10162/081b759a-1aae-42d9-9f62-4051fb9187bc</a>	<a href="https://echa.europa.eu/documents/10162/abbc92cc-984a-16e1-efce-37b665ecb79a">https://echa.europa.eu/documents/10162/abbc92cc-984a-16e1-efce-37b665ecb79a</a>	<a href="https://echa.europa.eu/documents/10162/723209fe-d033bc5e-b307-9066ccf0426d">https://echa.europa.eu/documents/10162/723209fe-d033bc5e-b307-9066ccf0426d</a>	
Hexahydro-1-methylphthalic anhydride		256-356-4	48122-14-1	Respiratory sensitising properties (Article 57(f) - human health)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/81052549-dd49-40b5-9388-b5a72a1a3fb3">https://echa.europa.eu/documents/10162/81052549-dd49-40b5-9388-b5a72a1a3fb3</a>	<a href="https://echa.europa.eu/documents/10162/bd282c4d-91b6-4537-9f27-b65a5fccbd48">https://echa.europa.eu/documents/10162/bd282c4d-91b6-4537-9f27-b65a5fccbd48</a> , <a href="https://echa.europa.eu/documents/10162/670b8e64-298e-4ed7-939f-67da04164a42">https://echa.europa.eu/documents/10162/670b8e64-298e-4ed7-939f-67da04164a42</a> , <a href="https://echa.europa.eu/documents/10162/7e96ce49-1e77-4333-8e0e-35892531aa5c">https://echa.europa.eu/documents/10162/7e96ce49-1e77-4333-8e0e-35892531aa5c</a> , <a href="https://echa.europa.eu/document/s/10162/081b759a-1aae-42d9-9f62-4051fb9187bc">https://echa.europa.eu/document/s/10162/081b759a-1aae-42d9-9f62-4051fb9187bc</a>	<a href="https://echa.europa.eu/documents/10162/abbc92cc-984a-16e1-efce-37b665ecb79a">https://echa.europa.eu/documents/10162/abbc92cc-984a-16e1-efce-37b665ecb79a</a>	<a href="https://echa.europa.eu/documents/10162/723209fe-d033bc5e-b307-9066ccf0426d">https://echa.europa.eu/documents/10162/723209fe-d033bc5e-b307-9066ccf0426d</a>	
Hexahydro-3-methylphthalic anhydride		260-566-1	57110-29-9	Respiratory sensitising properties (Article 57(f) - human health)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/81052549-dd49-40b5-9388-b5a72a1a3fb3">https://echa.europa.eu/documents/10162/81052549-dd49-40b5-9388-b5a72a1a3fb3</a>	<a href="https://echa.europa.eu/documents/10162/bd282c4d-91b6-4537-9f27-b65a5fccbd48">https://echa.europa.eu/documents/10162/bd282c4d-91b6-4537-9f27-b65a5fccbd48</a> , <a href="https://echa.europa.eu/documents/10162/670b8e64-298e-4ed7-939f-67da04164a42">https://echa.europa.eu/documents/10162/670b8e64-298e-4ed7-939f-67da04164a42</a> , <a href="https://echa.europa.eu/documents/10162/7e96ce49-1e77-4333-8e0e-35892531aa5c">https://echa.europa.eu/documents/10162/7e96ce49-1e77-4333-8e0e-35892531aa5c</a> , <a href="https://echa.europa.eu/document/s/10162/081b759a-1aae-42d9-9f62-4051fb9187bc">https://echa.europa.eu/document/s/10162/081b759a-1aae-42d9-9f62-4051fb9187bc</a>	<a href="https://echa.europa.eu/documents/10162/abbc92cc-984a-16e1-efce-37b665ecb79a">https://echa.europa.eu/documents/10162/abbc92cc-984a-16e1-efce-37b665ecb79a</a>	<a href="https://echa.europa.eu/documents/10162/723209fe-d033bc5e-b307-9066ccf0426d">https://echa.europa.eu/documents/10162/723209fe-d033bc5e-b307-9066ccf0426d</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Hexahydro-4-methylphthalic anhydride		243-072-0	19438-60-9	Respiratory sensitising properties (Article 57(f) - human health)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/81052549-dd49-40b5-9388-b5a72a1a3fb3">https://echa.europa.eu/documents/10162/81052549-dd49-40b5-9388-b5a72a1a3fb3</a>	<a href="https://echa.europa.eu/documents/10162/bd282c4d-91b6-4537-9f27-b65a5fccbd48">https://echa.europa.eu/documents/10162/bd282c4d-91b6-4537-9f27-b65a5fccbd48</a> , <a href="https://echa.europa.eu/documents/10162/670b8e64-298e-4ed7-939f-67da04164a42">https://echa.europa.eu/documents/10162/670b8e64-298e-4ed7-939f-67da04164a42</a> , <a href="https://echa.europa.eu/documents/10162/7e96ce49-1e77-4333-8e0e-35892531aa5c">https://echa.europa.eu/documents/10162/7e96ce49-1e77-4333-8e0e-35892531aa5c</a> , <a href="https://echa.europa.eu/documents/10162/081b759a-1aae-42d9-9f62-4051fb9187bc">https://echa.europa.eu/documents/10162/081b759a-1aae-42d9-9f62-4051fb9187bc</a>	<a href="https://echa.europa.eu/documents/10162/abbc92cc-984a-16e1-efce-37b665ecb79a">https://echa.europa.eu/documents/10162/abbc92cc-984a-16e1-efce-37b665ecb79a</a>	<a href="https://echa.europa.eu/documents/10162/723209fe-d033-bc5e-b307-9066ccf0426d">https://echa.europa.eu/documents/10162/723209fe-d033-bc5e-b307-9066ccf0426d</a>	
Hexahydromethylphthalic anhydride		247-094-1	25550-51-0	Respiratory sensitising properties (Article 57(f) - human health)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/81052549-dd49-40b5-9388-b5a72a1a3fb3">https://echa.europa.eu/documents/10162/81052549-dd49-40b5-9388-b5a72a1a3fb3</a>	<a href="https://echa.europa.eu/documents/10162/bd282c4d-91b6-4537-9f27-b65a5fccbd48">https://echa.europa.eu/documents/10162/bd282c4d-91b6-4537-9f27-b65a5fccbd48</a> , <a href="https://echa.europa.eu/documents/10162/670b8e64-298e-4ed7-939f-67da04164a42">https://echa.europa.eu/documents/10162/670b8e64-298e-4ed7-939f-67da04164a42</a> , <a href="https://echa.europa.eu/documents/10162/7e96ce49-1e77-4333-8e0e-35892531aa5c">https://echa.europa.eu/documents/10162/7e96ce49-1e77-4333-8e0e-35892531aa5c</a> , <a href="https://echa.europa.eu/documents/10162/081b759a-1aae-42d9-9f62-4051fb9187bc">https://echa.europa.eu/documents/10162/081b759a-1aae-42d9-9f62-4051fb9187bc</a>	<a href="https://echa.europa.eu/documents/10162/abbc92cc-984a-16e1-efce-37b665ecb79a">https://echa.europa.eu/documents/10162/abbc92cc-984a-16e1-efce-37b665ecb79a</a>	<a href="https://echa.europa.eu/documents/10162/723209fe-d033-bc5e-b307-9066ccf0426d">https://echa.europa.eu/documents/10162/723209fe-d033-bc5e-b307-9066ccf0426d</a>	
Heptacosafuorotetradecanoic acid		206-803-4	376-06-7	vPvB (Article 57e)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/bb2ca51-1bcc-407b-b587-91d4ac23b564">https://echa.europa.eu/documents/10162/bb2ca51-1bcc-407b-b587-91d4ac23b564</a>	<a href="https://echa.europa.eu/documents/10162/de2ad408-ea06-484e-9015-ac6af581863c">https://echa.europa.eu/documents/10162/de2ad408-ea06-484e-9015-ac6af581863c</a>	<a href="https://echa.europa.eu/documents/10162/08046ee8-0933-a564-0df2-da48cda2bc6b">https://echa.europa.eu/documents/10162/08046ee8-0933-a564-0df2-da48cda2bc6b</a>	<a href="https://echa.europa.eu/documents/10162/76c2d4f3-1d2e-f263-c819-74f4373a976c">https://echa.europa.eu/documents/10162/76c2d4f3-1d2e-f263-c819-74f4373a976c</a>	
Henicosafuoroundecanoic acid		218-165-4	2058-94-8	vPvB (Article 57e)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/02881bec-75ad-4e83-a9bb-c9f6dc81042e">https://echa.europa.eu/documents/10162/02881bec-75ad-4e83-a9bb-c9f6dc81042e</a>	<a href="https://echa.europa.eu/documents/10162/60adb1fb-d001-4a2a-b8bf-a0e05e29d156">https://echa.europa.eu/documents/10162/60adb1fb-d001-4a2a-b8bf-a0e05e29d156</a>	<a href="https://echa.europa.eu/documents/10162/9bcff514-6625-baa9-edd9-80ee9e82c86a">https://echa.europa.eu/documents/10162/9bcff514-6625-baa9-edd9-80ee9e82c86a</a>	<a href="https://echa.europa.eu/documents/10162/bd48b5f6-b407-60e1-f06e-76dd605d92ae">https://echa.europa.eu/documents/10162/bd48b5f6-b407-60e1-f06e-76dd605d92ae</a>	
Furan		203-727-3	110-00-9	Carcinogenic (Article 57a)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/1986ed9a-a382-4409-8faf-abd0f9af440a">https://echa.europa.eu/documents/10162/1986ed9a-a382-4409-8faf-abd0f9af440a</a>	<a href="https://echa.europa.eu/documents/10162/f2a41a5f-68db-44e9-a925-2446de4ec9b1">https://echa.europa.eu/documents/10162/f2a41a5f-68db-44e9-a925-2446de4ec9b1</a>	<a href="https://echa.europa.eu/documents/10162/8ab8b38b-26e8-49b7-9f04-b83c457023ec">https://echa.europa.eu/documents/10162/8ab8b38b-26e8-49b7-9f04-b83c457023ec</a>	<a href="https://echa.europa.eu/documents/10162/783a7398-0b23-d9ab-4afb-da6a77d2dfcb">https://echa.europa.eu/documents/10162/783a7398-0b23-d9ab-4afb-da6a77d2dfcb</a>	
Fatty acids, C16-18, lead salts		292-966-7	91031-62-8	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/7f59b681-ee89-484b-bec2-3412f3f7d0e5">https://echa.europa.eu/documents/10162/7f59b681-ee89-484b-bec2-3412f3f7d0e5</a>	<a href="https://echa.europa.eu/documents/10162/575f1c14-49f5-4a3d-9368-ebb989edcf4">https://echa.europa.eu/documents/10162/575f1c14-49f5-4a3d-9368-ebb989edcf4</a>	<a href="https://echa.europa.eu/documents/10162/13e375d0-709b-4203-b851-7cb5e0a87c80">https://echa.europa.eu/documents/10162/13e375d0-709b-4203-b851-7cb5e0a87c80</a>	<a href="https://echa.europa.eu/documents/10162/6e6bc1b6-4695-bfb6-8746-445a90dad5ff">https://echa.europa.eu/documents/10162/6e6bc1b6-4695-bfb6-8746-445a90dad5ff</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Dioxobis(stearato)trilead		235-702-8	12578-12-0	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/b3332ac2-958d-4b79-86be-12a13f9cd8c8">https://echa.europa.eu/documents/10162/b3332ac2-958d-4b79-86be-12a13f9cd8c8</a>	<a href="https://echa.europa.eu/documents/10162/2b533763-b36b-481c-a7b2-ff28b898d343">https://echa.europa.eu/documents/10162/2b533763-b36b-481c-a7b2-ff28b898d343</a>	<a href="https://echa.europa.eu/documents/10162/01088b8d-0195-44cf-8760-f1797c18e789">https://echa.europa.eu/documents/10162/01088b8d-0195-44cf-8760-f1797c18e789</a>	<a href="https://echa.europa.eu/documents/10162/3ce25576-1795-cda5-aa46-acdb9741089a">https://echa.europa.eu/documents/10162/3ce25576-1795-cda5-aa46-acdb9741089a</a>	
Dinoseb (6-sec-butyl-2,4-dinitrophenol)		201-861-7	88-85-7	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/b23de2c1-7142-43ec-9fba-ee150ed98bb1">https://echa.europa.eu/documents/10162/b23de2c1-7142-43ec-9fba-ee150ed98bb1</a>	<a href="https://echa.europa.eu/documents/10162/876747a8-aa98-42f4-bf6c-7ca2be3fed59">https://echa.europa.eu/documents/10162/876747a8-aa98-42f4-bf6c-7ca2be3fed59</a>	<a href="https://echa.europa.eu/documents/10162/34ec55f2-27d2-47d6-94f1-d39acaf3634f">https://echa.europa.eu/documents/10162/34ec55f2-27d2-47d6-94f1-d39acaf3634f</a>	<a href="https://echa.europa.eu/documents/10162/f90845a4-dc67-9a63-a3cb-57787b8b97e3">https://echa.europa.eu/documents/10162/f90845a4-dc67-9a63-a3cb-57787b8b97e3</a>	
Dimethyl sulphate		201-058-1	77-78-1	Carcinogenic (Article 57a)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/40a80d81-ac48-4ce6-891c-53b7a3779646">https://echa.europa.eu/documents/10162/40a80d81-ac48-4ce6-891c-53b7a3779646</a>	<a href="https://echa.europa.eu/documents/10162/5182ed44-1e76-4374-898d-0e8cef94f7cb">https://echa.europa.eu/documents/10162/5182ed44-1e76-4374-898d-0e8cef94f7cb</a>	<a href="https://echa.europa.eu/documents/10162/8fcaf1f0-aa6d-4ec8-a129-f0405def7c33">https://echa.europa.eu/documents/10162/8fcaf1f0-aa6d-4ec8-a129-f0405def7c33</a>	<a href="https://echa.europa.eu/documents/10162/4e7ad358-f6e0-ea83-0681-94a9e414f29b">https://echa.europa.eu/documents/10162/4e7ad358-f6e0-ea83-0681-94a9e414f29b</a>	
Diisopentyl phthalate		210-088-4	605-50-5	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/917ec7f1-d611-4dad-8cf7-36c1ca07a400">https://echa.europa.eu/documents/10162/917ec7f1-d611-4dad-8cf7-36c1ca07a400</a>	<a href="https://echa.europa.eu/documents/10162/cf490b69-0c28-453b-a531-e8c2ad3d22c">https://echa.europa.eu/documents/10162/cf490b69-0c28-453b-a531-e8c2ad3d22c</a>	<a href="https://echa.europa.eu/documents/10162/34d906a5-2558-4faa-ba85-65a765aef016">https://echa.europa.eu/documents/10162/34d906a5-2558-4faa-ba85-65a765aef016</a>	<a href="https://echa.europa.eu/documents/10162/5836c6ce-0043-af59-0755-2f8262791d64">https://echa.europa.eu/documents/10162/5836c6ce-0043-af59-0755-2f8262791d64</a>	
Diethyl sulphate		200-589-6	64-67-5	Carcinogenic (Article 57a), Mutagenic (Article 57b)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/3f6a4989-b155-4827-abfc-51e3fa7e352d">https://echa.europa.eu/documents/10162/3f6a4989-b155-4827-abfc-51e3fa7e352d</a>	<a href="https://echa.europa.eu/documents/10162/296efe89-75ed-4ead-a79c-28a3f48d2d90">https://echa.europa.eu/documents/10162/296efe89-75ed-4ead-a79c-28a3f48d2d90</a>	<a href="https://echa.europa.eu/documents/10162/470b7f44-e538-40b0-9110-4575a5726d14">https://echa.europa.eu/documents/10162/470b7f44-e538-40b0-9110-4575a5726d14</a>	<a href="https://echa.europa.eu/documents/10162/27b4f21d-3bb0-bde6-d9ba-4faadc87aaab">https://echa.europa.eu/documents/10162/27b4f21d-3bb0-bde6-d9ba-4faadc87aaab</a>	
Dibutyltin dichloride (DBTC)		211-670-0	683-18-1	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/046189d5-908b-447f-b91b-b3f97c9de5b5">https://echa.europa.eu/documents/10162/046189d5-908b-447f-b91b-b3f97c9de5b5</a>	<a href="https://echa.europa.eu/documents/10162/f06ebc42-a92c-43a4-828a-a7c95ea2c961">https://echa.europa.eu/documents/10162/f06ebc42-a92c-43a4-828a-a7c95ea2c961</a>	<a href="https://echa.europa.eu/documents/10162/2cbcb185-4207-1270-7189-6b9009db7b45">https://echa.europa.eu/documents/10162/2cbcb185-4207-1270-7189-6b9009db7b45</a>	<a href="https://echa.europa.eu/documents/10162/f92c8584-d0c2-ebb6-58a6-135b7f3d6f07">https://echa.europa.eu/documents/10162/f92c8584-d0c2-ebb6-58a6-135b7f3d6f07</a>	
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)		204-650-8	123-77-3	Respiratory sensitising properties (Article 57(f) - human health)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/4739d799-2888-4031-b3eb-73a9d475347b">https://echa.europa.eu/documents/10162/4739d799-2888-4031-b3eb-73a9d475347b</a>	<a href="https://echa.europa.eu/documents/10162/055d66a6-9924-4386-900c-62c52c42bc62">https://echa.europa.eu/documents/10162/055d66a6-9924-4386-900c-62c52c42bc62</a>	<a href="https://echa.europa.eu/documents/10162/a8f3a173-0bb2-cb27-d9ae-fafe356c329c">https://echa.europa.eu/documents/10162/a8f3a173-0bb2-cb27-d9ae-fafe356c329c</a>	<a href="https://echa.europa.eu/documents/10162/b9b09f2a-7230-5ddc-921e-9b0de3c6a956">https://echa.europa.eu/documents/10162/b9b09f2a-7230-5ddc-921e-9b0de3c6a956</a>	
Cyclohexane-1,2-dicarboxylic anhydride	all possible combinations of the cis- and trans-isomers	-	-	Respiratory sensitising properties (Article 57(f) - human health)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/b7a93309-0b81-4dbf-90e0-859bc0f41ce4">https://echa.europa.eu/documents/10162/b7a93309-0b81-4dbf-90e0-859bc0f41ce4</a>	<a href="https://echa.europa.eu/documents/10162/542f4e26-c203-4587-a498-fbf33c9edeba">https://echa.europa.eu/documents/10162/542f4e26-c203-4587-a498-fbf33c9edeba</a> , <a href="https://echa.europa.eu/documents/10162/d0d33d3f-8361-48a5-b5a9-5db91928b4c5">https://echa.europa.eu/documents/10162/d0d33d3f-8361-48a5-b5a9-5db91928b4c5</a> , <a href="https://echa.europa.eu/documents/10162/dca0c593-37d7-4257-9ad9-14059e525771">https://echa.europa.eu/documents/10162/dca0c593-37d7-4257-9ad9-14059e525771</a>	<a href="https://echa.europa.eu/documents/10162/555606e7-97e2-592e-c100-03f5639a82f4">https://echa.europa.eu/documents/10162/555606e7-97e2-592e-c100-03f5639a82f4</a>	<a href="https://echa.europa.eu/documents/10162/acfa14cb-0ed3-5a82-5366-964eeaab14cb">https://echa.europa.eu/documents/10162/acfa14cb-0ed3-5a82-5366-964eeaab14cb</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
trans-cyclohexane-1,2-dicarboxylic anhydride		238-009-9	14166-21-3	Respiratory sensitising properties (Article 57(f) - human health)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/b7a93309-0b81-4dbf-90e0-859bc0f41ce4">https://echa.europa.eu/documents/10162/b7a93309-0b81-4dbf-90e0-859bc0f41ce4</a>	<a href="https://echa.europa.eu/documents/10162/542f4e26-c203-4587-a498-fbf33c9edeaba">https://echa.europa.eu/documents/10162/542f4e26-c203-4587-a498-fbf33c9edeaba</a> , <a href="https://echa.europa.eu/documents/10162/d0d33d3f-8361-48a5-b5a9-5db91928b4c5">https://echa.europa.eu/documents/10162/d0d33d3f-8361-48a5-b5a9-5db91928b4c5</a> , <a href="https://echa.europa.eu/documents/10162/dca0c593-37d7-4257-9ad9-14059e525771">https://echa.europa.eu/documents/10162/dca0c593-37d7-4257-9ad9-14059e525771</a>	<a href="https://echa.europa.eu/documents/10162/555606e7-97e2-592e-c100-03f5639a82f4">https://echa.europa.eu/documents/10162/555606e7-97e2-592e-c100-03f5639a82f4</a>	<a href="https://echa.europa.eu/documents/10162/acfa14cb-0ed3-5a82-5366-964eeaab14cb">https://echa.europa.eu/documents/10162/acfa14cb-0ed3-5a82-5366-964eeaab14cb</a>	
cis-cyclohexane-1,2-dicarboxylic anhydride		236-086-3	13149-00-3	Respiratory sensitising properties (Article 57(f) - human health)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/b7a93309-0b81-4dbf-90e0-859bc0f41ce4">https://echa.europa.eu/documents/10162/b7a93309-0b81-4dbf-90e0-859bc0f41ce4</a>	<a href="https://echa.europa.eu/documents/10162/542f4e26-c203-4587-a498-fbf33c9edeaba">https://echa.europa.eu/documents/10162/542f4e26-c203-4587-a498-fbf33c9edeaba</a> , <a href="https://echa.europa.eu/documents/10162/d0d33d3f-8361-48a5-b5a9-5db91928b4c5">https://echa.europa.eu/documents/10162/d0d33d3f-8361-48a5-b5a9-5db91928b4c5</a> , <a href="https://echa.europa.eu/documents/10162/dca0c593-37d7-4257-9ad9-14059e525771">https://echa.europa.eu/documents/10162/dca0c593-37d7-4257-9ad9-14059e525771</a>	<a href="https://echa.europa.eu/documents/10162/555606e7-97e2-592e-c100-03f5639a82f4">https://echa.europa.eu/documents/10162/555606e7-97e2-592e-c100-03f5639a82f4</a>	<a href="https://echa.europa.eu/documents/10162/acfa14cb-0ed3-5a82-5366-964eeaab14cb">https://echa.europa.eu/documents/10162/acfa14cb-0ed3-5a82-5366-964eeaab14cb</a>	
Cyclohexane-1,2-dicarboxylic anhydride		201-604-9	85-42-7	Respiratory sensitising properties (Article 57(f) - human health)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/b7a93309-0b81-4dbf-90e0-859bc0f41ce4">https://echa.europa.eu/documents/10162/b7a93309-0b81-4dbf-90e0-859bc0f41ce4</a>	<a href="https://echa.europa.eu/documents/10162/542f4e26-c203-4587-a498-fbf33c9edeaba">https://echa.europa.eu/documents/10162/542f4e26-c203-4587-a498-fbf33c9edeaba</a> , <a href="https://echa.europa.eu/documents/10162/d0d33d3f-8361-48a5-b5a9-5db91928b4c5">https://echa.europa.eu/documents/10162/d0d33d3f-8361-48a5-b5a9-5db91928b4c5</a> , <a href="https://echa.europa.eu/documents/10162/dca0c593-37d7-4257-9ad9-14059e525771">https://echa.europa.eu/documents/10162/dca0c593-37d7-4257-9ad9-14059e525771</a>	<a href="https://echa.europa.eu/documents/10162/555606e7-97e2-592e-c100-03f5639a82f4">https://echa.europa.eu/documents/10162/555606e7-97e2-592e-c100-03f5639a82f4</a>	<a href="https://echa.europa.eu/documents/10162/acfa14cb-0ed3-5a82-5366-964eeaab14cb">https://echa.europa.eu/documents/10162/acfa14cb-0ed3-5a82-5366-964eeaab14cb</a>	
Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)		214-604-9	1163-19-5	PBT (Article 57d),vPvB (Article 57e)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/7de8998e-c87a-4fa6-82fa-927ffb0fe79">https://echa.europa.eu/documents/10162/7de8998e-c87a-4fa6-82fa-927ffb0fe79</a>	<a href="https://echa.europa.eu/documents/10162/64b5b9c4-c549-4254-a917-0ff1b7c9fa1b">https://echa.europa.eu/documents/10162/64b5b9c4-c549-4254-a917-0ff1b7c9fa1b</a>	<a href="https://echa.europa.eu/documents/10162/046e853b-03a0-99e4-a682-f5842bef9a1c">https://echa.europa.eu/documents/10162/046e853b-03a0-99e4-a682-f5842bef9a1c</a>	<a href="https://echa.europa.eu/documents/10162/f919b5a9-8dacc-e913-a862-a87cb5e00787">https://echa.europa.eu/documents/10162/f919b5a9-8dacc-e913-a862-a87cb5e00787</a>	
Biphenyl-4-ylamine		202-177-1	92-67-1	Carcinogenic (Article 57a)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/cefb8a85-ed61-4751-a722-2b3510d5f7a0">https://echa.europa.eu/documents/10162/cefb8a85-ed61-4751-a722-2b3510d5f7a0</a>	<a href="https://echa.europa.eu/documents/10162/22458f36-2a5f-4c1c-83b8-b8a9c45bda95">https://echa.europa.eu/documents/10162/22458f36-2a5f-4c1c-83b8-b8a9c45bda95</a>	<a href="https://echa.europa.eu/documents/10162/9d518786-9c9a-4d61-b841-45ff84ed54cc">https://echa.europa.eu/documents/10162/9d518786-9c9a-4d61-b841-45ff84ed54cc</a>	<a href="https://echa.europa.eu/documents/10162/1520b492-61afd235-ffb1-532532fd8c5b">https://echa.europa.eu/documents/10162/1520b492-61afd235-ffb1-532532fd8c5b</a>	
Acetic acid, lead salt, basic		257-175-3	51404-69-4	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/a68aa6d7-bc05-4f79-9445-4dd0ecabc1bb">https://echa.europa.eu/documents/10162/a68aa6d7-bc05-4f79-9445-4dd0ecabc1bb</a>	<a href="https://echa.europa.eu/documents/10162/5848ac0e-7286-4ec4-9185-49042cf54408">https://echa.europa.eu/documents/10162/5848ac0e-7286-4ec4-9185-49042cf54408</a>	<a href="https://echa.europa.eu/documents/10162/e27fbdcb-b252-4912-8965-a5bb89711203">https://echa.europa.eu/documents/10162/e27fbdcb-b252-4912-8965-a5bb89711203</a>	<a href="https://echa.europa.eu/documents/10162/32f33799-9835-71d0-b0d2-be45c318decc">https://echa.europa.eu/documents/10162/32f33799-9835-71d0-b0d2-be45c318decc</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
[Phthalato(2-)]dioxotriole ad		273-688-5	69011-06-9	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/490c7cfa-ae94-48a0-83c9-99bc3c0a5e13">https://echa.europa.eu/documents/10162/490c7cfa-ae94-48a0-83c9-99bc3c0a5e13</a>	<a href="https://echa.europa.eu/documents/10162/430ee50c-c98e-4e96-a689-d556fd06665">https://echa.europa.eu/documents/10162/430ee50c-c98e-4e96-a689-d556fd06665</a>	<a href="https://echa.europa.eu/documents/10162/e91058f4-7ab4-4648-91e3-3220f7ee6e8c">https://echa.europa.eu/documents/10162/e91058f4-7ab4-4648-91e3-3220f7ee6e8c</a>	<a href="https://echa.europa.eu/documents/10162/8b848bd8-4151-2f61-c674-7da51d88aa8f">https://echa.europa.eu/documents/10162/8b848bd8-4151-2f61-c674-7da51d88aa8f</a>	
6-methoxy-m-toluidine (p-cresidine)		204-419-1	120-71-8	Carcinogenic (Article 57a)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/251a17a0-cc98-4151-9b3f-3526c667a90e">https://echa.europa.eu/documents/10162/251a17a0-cc98-4151-9b3f-3526c667a90e</a>	<a href="https://echa.europa.eu/documents/10162/5c6a3acb-99f9-4561-a0a5-47b33f13c1f0">https://echa.europa.eu/documents/10162/5c6a3acb-99f9-4561-a0a5-47b33f13c1f0</a>	<a href="https://echa.europa.eu/documents/10162/9ee4bdb4-62a8-4ff5-a4f0-f0ced371f88f">https://echa.europa.eu/documents/10162/9ee4bdb4-62a8-4ff5-a4f0-f0ced371f88f</a>	<a href="https://echa.europa.eu/documents/10162/691261ea-6df2-8037-1230-7bdc04b1494c">https://echa.europa.eu/documents/10162/691261ea-6df2-8037-1230-7bdc04b1494c</a>	
4-Nonylphenol, branched and linear	substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	-	-	Endocrine disrupting properties (Article 57(f) - environment)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153">https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153</a>	<a href="https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148">https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148</a>	<a href="https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4,https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602">https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4,https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602</a>	<a href="https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2">https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2</a>	
p-nonylphenol		203-199-4	104-40-5	Endocrine disrupting properties (Article 57(f) - environment)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153">https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153</a>	<a href="https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148">https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148</a>	<a href="https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4,https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602">https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4,https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602</a>	<a href="https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2">https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2</a>	
Phenol, 4-nonyl-, branched		284-325-5	84852-15-3	Endocrine disrupting properties (Article 57(f) - environment)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153">https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153</a>	<a href="https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148">https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148</a>	<a href="https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4,https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602">https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4,https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602</a>	<a href="https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2">https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2</a>	
p-isononylphenol		247-770-6	26543-97-5	Endocrine disrupting properties (Article 57(f) - environment)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153">https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153</a>	<a href="https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148">https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148</a>	<a href="https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4,https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602">https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4,https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602</a>	<a href="https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2">https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2</a>	
4-(1-ethyl-1-methylhexyl)phenol		257-907-1	52427-13-1	Endocrine disrupting properties (Article 57(f) - environment)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153">https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153</a>	<a href="https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148">https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148</a>	<a href="https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4,https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602">https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4,https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602</a>	<a href="https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2">https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
p-(1,1-dimethylheptyl)phenol		250-339-5	30784-30-6	Endocrine disrupting properties (Article 57(f) - environment)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153">https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153</a>	<a href="https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148">https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148</a>	<a href="https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4">https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4</a> , <a href="https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602">https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602</a>	<a href="https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2">https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2</a>	
4-(1-Ethyl-1,3-dimethylphenyl)phenol		-	186825-36-5	Endocrine disrupting properties (Article 57(f) - environment)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153">https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153</a>	<a href="https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148">https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148</a>	<a href="https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4">https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4</a> , <a href="https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602">https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602</a>	<a href="https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2">https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2</a>	
4-(1-Ethyl-1,4-dimethylphenyl)phenol		-	142731-63-3	Endocrine disrupting properties (Article 57(f) - environment)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153">https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153</a>	<a href="https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148">https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148</a>	<a href="https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4">https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4</a> , <a href="https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602">https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602</a>	<a href="https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2">https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2</a>	
p-(1-methyloctyl)phenol		241-427-4	17404-66-9	Endocrine disrupting properties (Article 57(f) - environment)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153">https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153</a>	<a href="https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148">https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148</a>	<a href="https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4">https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4</a> , <a href="https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602">https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602</a>	<a href="https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2">https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2</a>	
4-(3-ethylheptan-2-yl)phenol		-	186825-39-8	Endocrine disrupting properties (Article 57(f) - environment)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153">https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153</a>	<a href="https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148">https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148</a>	<a href="https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4">https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4</a> , <a href="https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602">https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602</a>	<a href="https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2">https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2</a>	
Phenol, nonyl-, branched		291-844-0	90481-04-2	Endocrine disrupting properties (Article 57(f) - environment)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153">https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153</a>	<a href="https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148">https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148</a>	<a href="https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4">https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4</a> , <a href="https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602">https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602</a>	<a href="https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2">https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Nonylphenol		246-672-0	25154-52-3	Endocrine disrupting properties (Article 57(f) - environment)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153">https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153</a>	<a href="https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148">https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148</a>	<a href="https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4">https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4</a> , <a href="https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602">https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602</a>	<a href="https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2">https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2</a>	
4-(1,1,5-Trimethylhexyl)phenol		-	521947-27-3	Endocrine disrupting properties (Article 57(f) - environment)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153">https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153</a>	<a href="https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148">https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148</a>	<a href="https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4">https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4</a> , <a href="https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602">https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602</a>	<a href="https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2">https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2</a>	
Isononylphenol		234-284-4	11066-49-2	Endocrine disrupting properties (Article 57(f) - environment)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153">https://echa.europa.eu/documents/10162/dea74d46-dc8e-4b10-947b-51a19d890153</a>	<a href="https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148">https://echa.europa.eu/documents/10162/80751a04-fdb3-4bef-aabe-cc49da2a1148</a>	<a href="https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4">https://echa.europa.eu/documents/10162/bc140e0b-b407-fd1c-f750-6d43c99f82a4</a> , <a href="https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602">https://echa.europa.eu/documents/10162/3b60b4bc-0376-a9ea-bffd-65da8e2c9602</a>	<a href="https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2">https://echa.europa.eu/documents/10162/1984ccdb-3321-2890-c598-5735786e5eb2</a>	
4-methyl-m-phenylenediamine (toluene-2,4-diamine)		202-453-1	95-80-7	Carcinogenic (Article 57a)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/e7bb9247-f300-4887-9565-574dad453b71">https://echa.europa.eu/documents/10162/e7bb9247-f300-4887-9565-574dad453b71</a>	<a href="https://echa.europa.eu/documents/10162/0ffceb1b-180c-4965-a526-0b2d4b73c675">https://echa.europa.eu/documents/10162/0ffceb1b-180c-4965-a526-0b2d4b73c675</a>	<a href="https://echa.europa.eu/documents/10162/98b66e79-3f52-4792-aa74-1e9a1c674db4">https://echa.europa.eu/documents/10162/98b66e79-3f52-4792-aa74-1e9a1c674db4</a>	<a href="https://echa.europa.eu/documents/10162/b73979f8-961d-dc60-232e-2a8b4626e547">https://echa.europa.eu/documents/10162/b73979f8-961d-dc60-232e-2a8b4626e547</a>	
4-aminoazobenzene		200-453-6	60-09-3	Carcinogenic (Article 57a)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/9cf3cd45-97d2-455a-a58b-86d721fb4f54">https://echa.europa.eu/documents/10162/9cf3cd45-97d2-455a-a58b-86d721fb4f54</a>	<a href="https://echa.europa.eu/documents/10162/4740aca7-2e63-4f48-adf0-8c98bb12244c">https://echa.europa.eu/documents/10162/4740aca7-2e63-4f48-adf0-8c98bb12244c</a>	<a href="https://echa.europa.eu/documents/10162/bd560d2d-2ea1-4e93-950f-cca356500dbb">https://echa.europa.eu/documents/10162/bd560d2d-2ea1-4e93-950f-cca356500dbb</a>	<a href="https://echa.europa.eu/documents/10162/1ec37243-f332-a43a-fc36-9aac9cbd485a">https://echa.europa.eu/documents/10162/1ec37243-f332-a43a-fc36-9aac9cbd485a</a>	
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	covering well-defined substances and UVCB substances, polymers and homologues	-	-	Endocrine disrupting properties (Article 57(f) - environment)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/b823f588-7c35-4bad-9e3c-b639b627df8f">https://echa.europa.eu/documents/10162/b823f588-7c35-4bad-9e3c-b639b627df8f</a>	<a href="https://echa.europa.eu/documents/10162/f6ae4ec7-0a73-45eb-bafb-43e37bd3b42e">https://echa.europa.eu/documents/10162/f6ae4ec7-0a73-45eb-bafb-43e37bd3b42e</a>	<a href="https://echa.europa.eu/documents/10162/430c2613-588f-8b08-8a72-df4013727ef8">https://echa.europa.eu/documents/10162/430c2613-588f-8b08-8a72-df4013727ef8</a>	<a href="https://echa.europa.eu/documents/10162/e3830756-209a-a21c-95ea-fad990b6748a">https://echa.europa.eu/documents/10162/e3830756-209a-a21c-95ea-fad990b6748a</a>	
20-[4-(1,1,3,3-tetramethylbutyl)phenoxy]-3,6,9,12,15,18-hexaoxaicosan-1-ol		219-682-8	2497-59-8	Endocrine disrupting properties (Article 57(f) - environment)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/b823f588-7c35-4bad-9e3c-b639b627df8f">https://echa.europa.eu/documents/10162/b823f588-7c35-4bad-9e3c-b639b627df8f</a>	<a href="https://echa.europa.eu/documents/10162/f6ae4ec7-0a73-45eb-bafb-43e37bd3b42e">https://echa.europa.eu/documents/10162/f6ae4ec7-0a73-45eb-bafb-43e37bd3b42e</a>	<a href="https://echa.europa.eu/documents/10162/430c2613-588f-8b08-8a72-df4013727ef8">https://echa.europa.eu/documents/10162/430c2613-588f-8b08-8a72-df4013727ef8</a>	<a href="https://echa.europa.eu/documents/10162/e3830756-209a-a21c-95ea-fad990b6748a">https://echa.europa.eu/documents/10162/e3830756-209a-a21c-95ea-fad990b6748a</a>	
Poly(oxy-1,2-ethanediyl) , ±-[(1,1,3,3-tetramethylbutyl)phenyl]-%hydroxy-		-	9036-19-5	Endocrine disrupting properties (Article 57(f) - environment)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/b823f588-7c35-4bad-9e3c-b639b627df8f">https://echa.europa.eu/documents/10162/b823f588-7c35-4bad-9e3c-b639b627df8f</a>	<a href="https://echa.europa.eu/documents/10162/f6ae4ec7-0a73-45eb-bafb-43e37bd3b42e">https://echa.europa.eu/documents/10162/f6ae4ec7-0a73-45eb-bafb-43e37bd3b42e</a>	<a href="https://echa.europa.eu/documents/10162/430c2613-588f-8b08-8a72-df4013727ef8">https://echa.europa.eu/documents/10162/430c2613-588f-8b08-8a72-df4013727ef8</a>	<a href="https://echa.europa.eu/documents/10162/e3830756-209a-a21c-95ea-fad990b6748a">https://echa.europa.eu/documents/10162/e3830756-209a-a21c-95ea-fad990b6748a</a>	
2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethanol		-	2315-67-5	Endocrine disrupting properties (Article 57(f) - environment)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/b823f588-7c35-4bad-9e3c-b639b627df8f">https://echa.europa.eu/documents/10162/b823f588-7c35-4bad-9e3c-b639b627df8f</a>	<a href="https://echa.europa.eu/documents/10162/f6ae4ec7-0a73-45eb-bafb-43e37bd3b42e">https://echa.europa.eu/documents/10162/f6ae4ec7-0a73-45eb-bafb-43e37bd3b42e</a>	<a href="https://echa.europa.eu/documents/10162/430c2613-588f-8b08-8a72-df4013727ef8">https://echa.europa.eu/documents/10162/430c2613-588f-8b08-8a72-df4013727ef8</a>	<a href="https://echa.europa.eu/documents/10162/e3830756-209a-a21c-95ea-fad990b6748a">https://echa.europa.eu/documents/10162/e3830756-209a-a21c-95ea-fad990b6748a</a>	



Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethoxyethanol		-	2315-61-9	Endocrine disrupting properties (Article 57(f) - environment)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/b823f588-7c35-4bad-9e3c-b639b627df8f">https://echa.europa.eu/documents/10162/b823f588-7c35-4bad-9e3c-b639b627df8f</a>	<a href="https://echa.europa.eu/documents/10162/f6ae4ec7-0a73-45eb-bafb-43e37bd3b42e">https://echa.europa.eu/documents/10162/f6ae4ec7-0a73-45eb-bafb-43e37bd3b42e</a>	<a href="https://echa.europa.eu/documents/10162/430c2613-588f-8b08-8a72-df4013727ef8">https://echa.europa.eu/documents/10162/430c2613-588f-8b08-8a72-df4013727ef8</a>	<a href="https://echa.europa.eu/documents/10162/e3830756-209a-a21c-95ea-fad990b6748a">https://echa.europa.eu/documents/10162/e3830756-209a-a21c-95ea-fad990b6748a</a>	
Polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenyl ether		-	9002-93-1	Endocrine disrupting properties (Article 57(f) - environment)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/b823f588-7c35-4bad-9e3c-b639b627df8f">https://echa.europa.eu/documents/10162/b823f588-7c35-4bad-9e3c-b639b627df8f</a>	<a href="https://echa.europa.eu/documents/10162/f6ae4ec7-0a73-45eb-bafb-43e37bd3b42e">https://echa.europa.eu/documents/10162/f6ae4ec7-0a73-45eb-bafb-43e37bd3b42e</a>	<a href="https://echa.europa.eu/documents/10162/430c2613-588f-8b08-8a72-df4013727ef8">https://echa.europa.eu/documents/10162/430c2613-588f-8b08-8a72-df4013727ef8</a>	<a href="https://echa.europa.eu/documents/10162/e3830756-209a-a21c-95ea-fad990b6748a">https://echa.europa.eu/documents/10162/e3830756-209a-a21c-95ea-fad990b6748a</a>	
4,4'-oxydianiline and its salts		-	-	Carcinogenic (Article 57a), Mutagenic (Article 57b)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/7e13f20e-aa4c-4ab9-9b57-f0bd3cf750c9">https://echa.europa.eu/documents/10162/7e13f20e-aa4c-4ab9-9b57-f0bd3cf750c9</a>	<a href="https://echa.europa.eu/documents/10162/390a50ab-4461-49fb-87da-b366f77c105b">https://echa.europa.eu/documents/10162/390a50ab-4461-49fb-87da-b366f77c105b</a>	<a href="https://echa.europa.eu/documents/10162/80464fce-e4ae-4e28-b6a0-8e332daaeb95">https://echa.europa.eu/documents/10162/80464fce-e4ae-4e28-b6a0-8e332daaeb95</a>	<a href="https://echa.europa.eu/documents/10162/2b197fb5-9330-3567-b9af-f10f7ef30cc6">https://echa.europa.eu/documents/10162/2b197fb5-9330-3567-b9af-f10f7ef30cc6</a>	
4,4'-oxydianiline		202-977-0	101-80-4	Carcinogenic (Article 57a), Mutagenic (Article 57b)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/7e13f20e-aa4c-4ab9-9b57-f0bd3cf750c9">https://echa.europa.eu/documents/10162/7e13f20e-aa4c-4ab9-9b57-f0bd3cf750c9</a>	<a href="https://echa.europa.eu/documents/10162/390a50ab-4461-49fb-87da-b366f77c105b">https://echa.europa.eu/documents/10162/390a50ab-4461-49fb-87da-b366f77c105b</a>	<a href="https://echa.europa.eu/documents/10162/80464fce-e4ae-4e28-b6a0-8e332daaeb95">https://echa.europa.eu/documents/10162/80464fce-e4ae-4e28-b6a0-8e332daaeb95</a>	<a href="https://echa.europa.eu/documents/10162/2b197fb5-9330-3567-b9af-f10f7ef30cc6">https://echa.europa.eu/documents/10162/2b197fb5-9330-3567-b9af-f10f7ef30cc6</a>	
4,4'-methylenedio-toluidine		212-658-8	838-88-0	Carcinogenic (Article 57a)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/aa8680a2-aecb-4b86-b4e9-e6d6ba41ed42">https://echa.europa.eu/documents/10162/aa8680a2-aecb-4b86-b4e9-e6d6ba41ed42</a>	<a href="https://echa.europa.eu/documents/10162/7fab585-9a8c-4105-99ad-4083a41b2310">https://echa.europa.eu/documents/10162/7fab585-9a8c-4105-99ad-4083a41b2310</a>	<a href="https://echa.europa.eu/documents/10162/42094854-61af-4a51-abc4-0f85ef9bd51e">https://echa.europa.eu/documents/10162/42094854-61af-4a51-abc4-0f85ef9bd51e</a>	<a href="https://echa.europa.eu/documents/10162/a16f7d17-5558-227d-65bc-d628d6209328">https://echa.europa.eu/documents/10162/a16f7d17-5558-227d-65bc-d628d6209328</a>	
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	ZOLDINE MS-PLUS	421-150-7	143860-04-2	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/2e6fa094-c665-4367-b4d6-d61b841e82c3">https://echa.europa.eu/documents/10162/2e6fa094-c665-4367-b4d6-d61b841e82c3</a>	<a href="https://echa.europa.eu/documents/10162/c2ba8775-69b2-4dbe-b725-54e8219f10ae">https://echa.europa.eu/documents/10162/c2ba8775-69b2-4dbe-b725-54e8219f10ae</a>	<a href="https://echa.europa.eu/documents/10162/782e61c7-07e8-42be-bfb7-99c2bdab913a">https://echa.europa.eu/documents/10162/782e61c7-07e8-42be-bfb7-99c2bdab913a</a>	<a href="https://echa.europa.eu/documents/10162/45e26414-e789-45a9-302a-4ce0dde9981">https://echa.europa.eu/documents/10162/45e26414-e789-45a9-302a-4ce0dde9981</a>	
1-bromopropane (n-propyl bromide)		203-445-0	106-94-5	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/322977d5-5c50-467b-a5aa-14dd621301af">https://echa.europa.eu/documents/10162/322977d5-5c50-467b-a5aa-14dd621301af</a>	<a href="https://echa.europa.eu/documents/10162/0fde3877-5c84-4343-ad20-a3327752a13a">https://echa.europa.eu/documents/10162/0fde3877-5c84-4343-ad20-a3327752a13a</a>	<a href="https://echa.europa.eu/documents/10162/cfa3375a-66c2-02a7-43c1-3760fb518448">https://echa.europa.eu/documents/10162/cfa3375a-66c2-02a7-43c1-3760fb518448</a>	<a href="https://echa.europa.eu/documents/10162/fb68a467-fa8f-3ea3-3735-3dde15221666">https://echa.europa.eu/documents/10162/fb68a467-fa8f-3ea3-3735-3dde15221666</a>	
1,2-dithoxyethane		211-076-1	629-14-1	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/c5d3b97f-9168-4c49-aa69-9197cd899a8d">https://echa.europa.eu/documents/10162/c5d3b97f-9168-4c49-aa69-9197cd899a8d</a>	<a href="https://echa.europa.eu/documents/10162/8393ce5a-9456-4abb-b6ba-008e68941823">https://echa.europa.eu/documents/10162/8393ce5a-9456-4abb-b6ba-008e68941823</a>	<a href="https://echa.europa.eu/documents/10162/8c04401d-d0bb-409c-9250-c6e574f47305">https://echa.europa.eu/documents/10162/8c04401d-d0bb-409c-9250-c6e574f47305</a>	<a href="https://echa.europa.eu/documents/10162/53a23e4f-6934-d9d1-a3cb-3d8bcffb224">https://echa.europa.eu/documents/10162/53a23e4f-6934-d9d1-a3cb-3d8bcffb224</a>	
1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear		284-032-2	84777-06-0	Toxic for reproduction (Article 57c)	19-Dec-2012	<a href="https://echa.europa.eu/documents/10162/cdf66098-5920-44ea-9d26-aaa390c5d5ef">https://echa.europa.eu/documents/10162/cdf66098-5920-44ea-9d26-aaa390c5d5ef</a>	<a href="https://echa.europa.eu/documents/10162/6f9bf9c8-8442-48fe-b38e-4dc a50adea4c">https://echa.europa.eu/documents/10162/6f9bf9c8-8442-48fe-b38e-4dc a50adea4c</a>	<a href="https://echa.europa.eu/documents/10162/329c8367-0ec9-426b-bcfe-27ddf27fb777">https://echa.europa.eu/documents/10162/329c8367-0ec9-426b-bcfe-27ddf27fb777</a>	<a href="https://echa.europa.eu/documents/10162/28bc2e86-e6e2-569b-45ab-724e664a3b24">https://echa.europa.eu/documents/10162/28bc2e86-e6e2-569b-45ab-724e664a3b24</a>	
±,±-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	with 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)	229-851-8	6786-83-0	Carcinogenic (Article 57a)	18-Jun-2012	<a href="https://echa.europa.eu/documents/10162/6ea9ffc1-a165-4afc-b504-af2bc3694c64">https://echa.europa.eu/documents/10162/6ea9ffc1-a165-4afc-b504-af2bc3694c64</a>	<a href="https://echa.europa.eu/documents/10162/09c5c1e5-3d1f-4c79-8d8a-f142e7dc42ab">https://echa.europa.eu/documents/10162/09c5c1e5-3d1f-4c79-8d8a-f142e7dc42ab</a>	<a href="https://echa.europa.eu/documents/10162/d3bc3564-1f27-4b6b-b076-695ee0a3ad10">https://echa.europa.eu/documents/10162/d3bc3564-1f27-4b6b-b076-695ee0a3ad10</a>	<a href="https://echa.europa.eu/documents/10162/15746c0a-be4d-7014-cf24-9b893fc46146">https://echa.europa.eu/documents/10162/15746c0a-be4d-7014-cf24-9b893fc46146</a>	
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)		202-959-2	101-61-1	Carcinogenic (Article 57a)	18-Jun-2012	<a href="https://echa.europa.eu/documents/10162/55c7a0fd-13f8-41bd-b1b2-123cdeef4434">https://echa.europa.eu/documents/10162/55c7a0fd-13f8-41bd-b1b2-123cdeef4434</a>	<a href="https://echa.europa.eu/documents/10162/bb71df3-cbb8-42e4-8d18-529e5876b710">https://echa.europa.eu/documents/10162/bb71df3-cbb8-42e4-8d18-529e5876b710</a>	<a href="https://echa.europa.eu/documents/10162/14f93f87-28aa-4295-a2a6-6b18e53abbf2">https://echa.europa.eu/documents/10162/14f93f87-28aa-4295-a2a6-6b18e53abbf2</a>	<a href="https://echa.europa.eu/documents/10162/39e9a04b-b21f-83a5-c892-0922c59f6570">https://echa.europa.eu/documents/10162/39e9a04b-b21f-83a5-c892-0922c59f6570</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Lead(II) bis(methanesulfonate)	-	401-750-5	17570-76-2	Toxic for reproduction (Article 57c)	18-Jun-2012	<a href="https://echa.europa.eu/documents/10162/670a5290-68d3-4b88-83e8-6c06a4e430a8">https://echa.europa.eu/documents/10162/670a5290-68d3-4b88-83e8-6c06a4e430a8</a>	<a href="https://echa.europa.eu/documents/10162/71993287-68f1-43c4-a13e-326ad171b80c">https://echa.europa.eu/documents/10162/71993287-68f1-43c4-a13e-326ad171b80c</a>	<a href="https://echa.europa.eu/documents/10162/ec18fb5f-b968-4e34-a146-e696fccad746">https://echa.europa.eu/documents/10162/ec18fb5f-b968-4e34-a146-e696fccad746</a>	<a href="https://echa.europa.eu/documents/10162/2c8a9d62-81b9-7a72-e33f-4d0674fd7aff">https://echa.europa.eu/documents/10162/2c8a9d62-81b9-7a72-e33f-4d0674fd7aff</a>	
Formamide		200-842-0	75-12-7	Toxic for reproduction (Article 57c)	18-Jun-2012	<a href="https://echa.europa.eu/documents/10162/64c72b55-a1da-47ef-b47d-edad9c9f124e">https://echa.europa.eu/documents/10162/64c72b55-a1da-47ef-b47d-edad9c9f124e</a>	<a href="https://echa.europa.eu/documents/10162/a330365d-7a44-43a1-a896-0fec7f34c4e6">https://echa.europa.eu/documents/10162/a330365d-7a44-43a1-a896-0fec7f34c4e6</a>	<a href="https://echa.europa.eu/documents/10162/4ff18575-7bcc-4e02-96db-1090a1bdd3a1">https://echa.europa.eu/documents/10162/4ff18575-7bcc-4e02-96db-1090a1bdd3a1</a>	<a href="https://echa.europa.eu/documents/10162/ed0578c2-0153-12b5-fe8f-b9e1b2923a40">https://echa.europa.eu/documents/10162/ed0578c2-0153-12b5-fe8f-b9e1b2923a40</a>	
Diboron trioxide		215-125-8	1303-86-2	Toxic for reproduction (Article 57c)	18-Jun-2012	<a href="https://echa.europa.eu/documents/10162/c42c7cd8-b8d9-4a53-987e-55f8b377ea03">https://echa.europa.eu/documents/10162/c42c7cd8-b8d9-4a53-987e-55f8b377ea03</a>	<a href="https://echa.europa.eu/documents/10162/de509422-112a-4234-8e67-3260d2051364">https://echa.europa.eu/documents/10162/de509422-112a-4234-8e67-3260d2051364</a>	<a href="https://echa.europa.eu/documents/10162/6b35228c-45c4-4ed8-88b0-823fafb0d795">https://echa.europa.eu/documents/10162/6b35228c-45c4-4ed8-88b0-823fafb0d795</a>	<a href="https://echa.europa.eu/documents/10162/07417d9a-29c2-61e2-135b-2084d2c8d350">https://echa.europa.eu/documents/10162/07417d9a-29c2-61e2-135b-2084d2c8d350</a>	
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26)	with 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)	219-943-6	2580-56-5	Carcinogenic (Article 57a)	18-Jun-2012	<a href="https://echa.europa.eu/documents/10162/4575515a-f67b-447e-afb0-9de9bdf2d8b4">https://echa.europa.eu/documents/10162/4575515a-f67b-447e-afb0-9de9bdf2d8b4</a>	<a href="https://echa.europa.eu/documents/10162/e788094b-c091-40fc-af06-0cb993da22ef">https://echa.europa.eu/documents/10162/e788094b-c091-40fc-af06-0cb993da22ef</a>	<a href="https://echa.europa.eu/documents/10162/4005564c-2ff2-4ea5-941d-04525939d70b">https://echa.europa.eu/documents/10162/4005564c-2ff2-4ea5-941d-04525939d70b</a>	<a href="https://echa.europa.eu/documents/10162/03e30fbb-e4b7-4ff1-8c54-cfba9e21d505">https://echa.europa.eu/documents/10162/03e30fbb-e4b7-4ff1-8c54-cfba9e21d505</a>	
[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	with 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)	208-953-6	548-62-9	Carcinogenic (Article 57a)	18-Jun-2012	<a href="https://echa.europa.eu/documents/10162/9c2106dd-ab9a-415d-8b47-039c5b5b223a">https://echa.europa.eu/documents/10162/9c2106dd-ab9a-415d-8b47-039c5b5b223a</a>	<a href="https://echa.europa.eu/documents/10162/2b47d136-adc9-46de-88c8-4ac990880005">https://echa.europa.eu/documents/10162/2b47d136-adc9-46de-88c8-4ac990880005</a>	<a href="https://echa.europa.eu/documents/10162/a3290dc9-a3e1-4a9d-8e58-102dca785d19">https://echa.europa.eu/documents/10162/a3290dc9-a3e1-4a9d-8e58-102dca785d19</a>	<a href="https://echa.europa.eu/documents/10162/67b63e21-6302-ef0d-b8b9-fa3c26a9e2bf">https://echa.europa.eu/documents/10162/67b63e21-6302-ef0d-b8b9-fa3c26a9e2bf</a>	
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)		202-027-5	90-94-8	Carcinogenic (Article 57a)	18-Jun-2012	<a href="https://echa.europa.eu/documents/10162/fb031b0c-5e13-438a-a0ad-334a822c2e04">https://echa.europa.eu/documents/10162/fb031b0c-5e13-438a-a0ad-334a822c2e04</a>	<a href="https://echa.europa.eu/documents/10162/a32d3dd2-1045-457b-9a6b-988bc641e662">https://echa.europa.eu/documents/10162/a32d3dd2-1045-457b-9a6b-988bc641e662</a>	<a href="https://echa.europa.eu/documents/10162/3cbcf0fc-f6bc-4d08-8dcf-b2837657e1c5">https://echa.europa.eu/documents/10162/3cbcf0fc-f6bc-4d08-8dcf-b2837657e1c5</a>	<a href="https://echa.europa.eu/documents/10162/f793511d-97cb-70a6-6fa7-ae48395ce858">https://echa.europa.eu/documents/10162/f793511d-97cb-70a6-6fa7-ae48395ce858</a>	
4,4'-bis(dimethylamino)-4'-(methylamino)trityl alcohol	with 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)	209-218-2	561-41-1	Carcinogenic (Article 57a)	18-Jun-2012	<a href="https://echa.europa.eu/documents/10162/bcf29e5e-c152-4f88-8df9-1f9515582e3e">https://echa.europa.eu/documents/10162/bcf29e5e-c152-4f88-8df9-1f9515582e3e</a>	<a href="https://echa.europa.eu/documents/10162/0bc3c72f-1e50-45e7-98c4-595639fe3010">https://echa.europa.eu/documents/10162/0bc3c72f-1e50-45e7-98c4-595639fe3010</a>	<a href="https://echa.europa.eu/documents/10162/4300b1a0-79ae-4d90-bcac-07a34691c435">https://echa.europa.eu/documents/10162/4300b1a0-79ae-4d90-bcac-07a34691c435</a>	<a href="https://echa.europa.eu/documents/10162/3905164d-a630-516a-720a-ebaf0b47d0c1">https://echa.europa.eu/documents/10162/3905164d-a630-516a-720a-ebaf0b47d0c1</a>	
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (T <sub>2</sub> -TGIC)	-	423-400-0	59653-74-6	Mutagenic (Article 57b)	18-Jun-2012	<a href="https://echa.europa.eu/documents/10162/b396da4a-879d-4d97-88c0-f2a97c3160e2">https://echa.europa.eu/documents/10162/b396da4a-879d-4d97-88c0-f2a97c3160e2</a>	<a href="https://echa.europa.eu/documents/10162/1b1db3da-9d3c-4dd9-aec6-82e5f2bb9681">https://echa.europa.eu/documents/10162/1b1db3da-9d3c-4dd9-aec6-82e5f2bb9681</a>	<a href="https://echa.europa.eu/documents/10162/9c7289c0-b92d-46cb-9007-6a919f003935">https://echa.europa.eu/documents/10162/9c7289c0-b92d-46cb-9007-6a919f003935</a>	<a href="https://echa.europa.eu/documents/10162/94969b35-04d7-5cc9-d1b0-bd120223a3c2">https://echa.europa.eu/documents/10162/94969b35-04d7-5cc9-d1b0-bd120223a3c2</a>	
1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazine-2,4,6-trione (TGIC)		219-514-3	2451-62-9	Mutagenic (Article 57b)	18-Jun-2012	<a href="https://echa.europa.eu/documents/10162/f4f2cac7-9277-4dd0-bcfc-a0b3134331a3">https://echa.europa.eu/documents/10162/f4f2cac7-9277-4dd0-bcfc-a0b3134331a3</a>	<a href="https://echa.europa.eu/documents/10162/5e64cc7a-5599-48af-86ea-4cd5d853cb9a">https://echa.europa.eu/documents/10162/5e64cc7a-5599-48af-86ea-4cd5d853cb9a</a>	<a href="https://echa.europa.eu/documents/10162/b0f7fcea-3dd5-4281-ab06-fd46c48d2ec2">https://echa.europa.eu/documents/10162/b0f7fcea-3dd5-4281-ab06-fd46c48d2ec2</a>	<a href="https://echa.europa.eu/documents/10162/41e3ed1d-b112-e10c-31e1-11fd05c61743">https://echa.europa.eu/documents/10162/41e3ed1d-b112-e10c-31e1-11fd05c61743</a>	
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)		203-977-3	112-49-2	Toxic for reproduction (Article 57c)	18-Jun-2012	<a href="https://echa.europa.eu/documents/10162/1797f7da-12f2-4db5-95ee-d8b2f119255b">https://echa.europa.eu/documents/10162/1797f7da-12f2-4db5-95ee-d8b2f119255b</a>	<a href="https://echa.europa.eu/documents/10162/077454da-571b-43dd-98c6-ce04427310e9">https://echa.europa.eu/documents/10162/077454da-571b-43dd-98c6-ce04427310e9</a>	<a href="https://echa.europa.eu/documents/10162/04a4b3ea-09d6-439a-bf05-079784355127">https://echa.europa.eu/documents/10162/04a4b3ea-09d6-439a-bf05-079784355127</a>	<a href="https://echa.europa.eu/documents/10162/08fead86-7723-14f9-4c68-fad56f67e321">https://echa.europa.eu/documents/10162/08fead86-7723-14f9-4c68-fad56f67e321</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)		203-794-9	110-71-4	Toxic for reproduction (Article 57c)	18-Jun-2012	<a href="https://echa.europa.eu/documents/10162/8baf4265-833f-467d-bb3d-cf3dfe92be88">https://echa.europa.eu/documents/10162/8baf4265-833f-467d-bb3d-cf3dfe92be88</a>	<a href="https://echa.europa.eu/documents/10162/964d2219-db3d-4fd4-8fb4-5264b7cea5ab">https://echa.europa.eu/documents/10162/964d2219-db3d-4fd4-8fb4-5264b7cea5ab</a>	<a href="https://echa.europa.eu/documents/10162/466dce51-6adf-4936-874b-2c1fe8c9de5e">https://echa.europa.eu/documents/10162/466dce51-6adf-4936-874b-2c1fe8c9de5e</a>	<a href="https://echa.europa.eu/documents/10162/1d689ed5-8d41-62e9-16c9-6d687bf28377">https://echa.europa.eu/documents/10162/1d689ed5-8d41-62e9-16c9-6d687bf28377</a>	
Zirconia Aluminosilicate Refractory Ceramic Fibres	are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (Åµm). c) alkaline oxide and alkali earth oxide (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight	-	-	Carcinogenic (Article 57a)	19-Dec-2011	<a href="https://echa.europa.eu/documents/10162/0d43d978-af14-4acf-9613-95d028fef958">https://echa.europa.eu/documents/10162/0d43d978-af14-4acf-9613-95d028fef958</a> , <a href="https://echa.europa.eu/documents/10162/46da04ed-c0ac-482e-aa63-c75553312e84">https://echa.europa.eu/documents/10162/46da04ed-c0ac-482e-aa63-c75553312e84</a>	<a href="https://echa.europa.eu/documents/10162/a9f47855-ffbe-4312-84f9-8d74aa409f00">https://echa.europa.eu/documents/10162/a9f47855-ffbe-4312-84f9-8d74aa409f00</a>	<a href="https://echa.europa.eu/documents/10162/8190e8e4-e315-4bcb-91f5-1548f8e46bc1">https://echa.europa.eu/documents/10162/8190e8e4-e315-4bcb-91f5-1548f8e46bc1</a>	<a href="https://echa.europa.eu/documents/10162/93002806-25a6-a48a-adf8-1626177e6722">https://echa.europa.eu/documents/10162/93002806-25a6-a48a-adf8-1626177e6722</a>	
Refractories, fibers, aluminosilicate		-	142844-00-6	Carcinogenic (Article 57a)	19-Dec-2011	<a href="https://echa.europa.eu/documents/10162/0d43d978-af14-4acf-9613-95d028fef958">https://echa.europa.eu/documents/10162/0d43d978-af14-4acf-9613-95d028fef958</a> , <a href="https://echa.europa.eu/documents/10162/46da04ed-c0ac-482e-aa63-c75553312e84">https://echa.europa.eu/documents/10162/46da04ed-c0ac-482e-aa63-c75553312e84</a>	<a href="https://echa.europa.eu/documents/10162/a9f47855-ffbe-4312-84f9-8d74aa409f00">https://echa.europa.eu/documents/10162/a9f47855-ffbe-4312-84f9-8d74aa409f00</a>	<a href="https://echa.europa.eu/documents/10162/8190e8e4-e315-4bcb-91f5-1548f8e46bc1">https://echa.europa.eu/documents/10162/8190e8e4-e315-4bcb-91f5-1548f8e46bc1</a>	<a href="https://echa.europa.eu/documents/10162/93002806-25a6-a48a-adf8-1626177e6722">https://echa.europa.eu/documents/10162/93002806-25a6-a48a-adf8-1626177e6722</a>	
Trilead diarsenate		222-979-5	3687-31-8	Carcinogenic (Article 57a), Toxic for reproduction (Article 57c)	19-Dec-2011	<a href="https://echa.europa.eu/documents/10162/f94e0b50-062a-4150-8652-f5d3ac218fcd">https://echa.europa.eu/documents/10162/f94e0b50-062a-4150-8652-f5d3ac218fcd</a>	<a href="https://echa.europa.eu/documents/10162/18ce9105-2407-45b5-852b-5329e6042900">https://echa.europa.eu/documents/10162/18ce9105-2407-45b5-852b-5329e6042900</a>	<a href="https://echa.europa.eu/documents/10162/69699398-ddf0-4188-988f-a2464175a019">https://echa.europa.eu/documents/10162/69699398-ddf0-4188-988f-a2464175a019</a>	<a href="https://echa.europa.eu/documents/10162/7fe7b854-e3c4-0da8-4611-ba59657eb361">https://echa.europa.eu/documents/10162/7fe7b854-e3c4-0da8-4611-ba59657eb361</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Potassium hydroxyoctaoxodizincat edichromate		234-329-8	11103-86-9	Carcinogenic (Article 57a)	19-Dec-2011	<a href="https://echa.europa.eu/documents/10162/cbc1bcf1-2910-4813-a818-9f2069f69b3c">https://echa.europa.eu/documents/10162/cbc1bcf1-2910-4813-a818-9f2069f69b3c</a>	<a href="https://echa.europa.eu/documents/10162/2869cfe1-049b-43b2-a1b0-c8503d2c2586">https://echa.europa.eu/documents/10162/2869cfe1-049b-43b2-a1b0-c8503d2c2586</a>	<a href="https://echa.europa.eu/documents/10162/fb533ed0-2765-4ad3-acf7-79d9ca8a5b02">https://echa.europa.eu/documents/10162/fb533ed0-2765-4ad3-acf7-79d9ca8a5b02</a>	<a href="https://echa.europa.eu/documents/10162/82f1b187-86e9-a2c1-05ce-37037c0d42c8">https://echa.europa.eu/documents/10162/82f1b187-86e9-a2c1-05ce-37037c0d42c8</a>	
Phenolphthalein		201-004-7	77-09-8	Carcinogenic (Article 57a)	19-Dec-2011	<a href="https://echa.europa.eu/documents/10162/37893eb4-a79b-4982-a3f0-34438dc72904">https://echa.europa.eu/documents/10162/37893eb4-a79b-4982-a3f0-34438dc72904</a>	<a href="https://echa.europa.eu/documents/10162/2cc034c5-ecbf-4c6c-8de4-9085c3e4f2a0">https://echa.europa.eu/documents/10162/2cc034c5-ecbf-4c6c-8de4-9085c3e4f2a0</a>	<a href="https://echa.europa.eu/documents/10162/1f29b212-4a70-40c0-94de-8dfce7791aa9">https://echa.europa.eu/documents/10162/1f29b212-4a70-40c0-94de-8dfce7791aa9</a>	<a href="https://echa.europa.eu/documents/10162/e77f71f2-2587-e6a6-3e18-41c44ad031cf">https://echa.europa.eu/documents/10162/e77f71f2-2587-e6a6-3e18-41c44ad031cf</a>	
Pentazinc chromate octahydroxide		256-418-0	49663-84-5	Carcinogenic (Article 57a)	19-Dec-2011	<a href="https://echa.europa.eu/documents/10162/756bf74c-275b-4779-8d92-83fc3ac27318">https://echa.europa.eu/documents/10162/756bf74c-275b-4779-8d92-83fc3ac27318</a>	<a href="https://echa.europa.eu/documents/10162/3acce581-104b-4f80-8b0b-94728b9d501c">https://echa.europa.eu/documents/10162/3acce581-104b-4f80-8b0b-94728b9d501c</a>	<a href="https://echa.europa.eu/documents/10162/ce28c0be-379f-461e-9197-3af36d5c7f53">https://echa.europa.eu/documents/10162/ce28c0be-379f-461e-9197-3af36d5c7f53</a>	<a href="https://echa.europa.eu/documents/10162/15a09341-5a63-825f-9677-995a7685a951">https://echa.europa.eu/documents/10162/15a09341-5a63-825f-9677-995a7685a951</a>	
N,N-dimethylacetamide		204-826-4	127-19-5	Toxic for reproduction (Article 57c)	19-Dec-2011	<a href="https://echa.europa.eu/documents/10162/65231f68-fe7a-4712-9f3a-99a9fdb7dea">https://echa.europa.eu/documents/10162/65231f68-fe7a-4712-9f3a-99a9fdb7dea</a>	<a href="https://echa.europa.eu/documents/10162/f3d28fdc-113a-454a-9de2-e5fa2bb7786d">https://echa.europa.eu/documents/10162/f3d28fdc-113a-454a-9de2-e5fa2bb7786d</a>	<a href="https://echa.europa.eu/documents/10162/42751bc8-cad5-4035-82ea-a91c0efe5768">https://echa.europa.eu/documents/10162/42751bc8-cad5-4035-82ea-a91c0efe5768</a>	<a href="https://echa.europa.eu/documents/10162/2349dc58-0d76-f548-d77f-a2d40eab4bb3">https://echa.europa.eu/documents/10162/2349dc58-0d76-f548-d77f-a2d40eab4bb3</a>	
Lead styphnate		239-290-0	15245-44-0	Toxic for reproduction (Article 57c)	19-Dec-2011	<a href="https://echa.europa.eu/documents/10162/9f6e771e-a50c-4079-9a1a-1d2441ed0033">https://echa.europa.eu/documents/10162/9f6e771e-a50c-4079-9a1a-1d2441ed0033</a>	<a href="https://echa.europa.eu/documents/10162/940e8b74-d5c3-446e-a041-b86297a880c6">https://echa.europa.eu/documents/10162/940e8b74-d5c3-446e-a041-b86297a880c6</a>	<a href="https://echa.europa.eu/documents/10162/fb1d8a9-4e09-4c36-8e79-c46f9a73bb7c">https://echa.europa.eu/documents/10162/fb1d8a9-4e09-4c36-8e79-c46f9a73bb7c</a>	<a href="https://echa.europa.eu/documents/10162/1518f0d7-21c6-797c-1e0f-99db6a1c573c">https://echa.europa.eu/documents/10162/1518f0d7-21c6-797c-1e0f-99db6a1c573c</a>	
Lead dipicrate		229-335-2	6477-64-1	Toxic for reproduction (Article 57c)	19-Dec-2011	<a href="https://echa.europa.eu/documents/10162/3a01a0ae-69e4-4b0c-8d87-e5c42e8586a3">https://echa.europa.eu/documents/10162/3a01a0ae-69e4-4b0c-8d87-e5c42e8586a3</a>	<a href="https://echa.europa.eu/documents/10162/0a46d3e7-e3be-46bc-886b-d04e944ad448">https://echa.europa.eu/documents/10162/0a46d3e7-e3be-46bc-886b-d04e944ad448</a>	<a href="https://echa.europa.eu/documents/10162/8a7c6915-0578-4c50-8fea-5208e237e0a7">https://echa.europa.eu/documents/10162/8a7c6915-0578-4c50-8fea-5208e237e0a7</a>	<a href="https://echa.europa.eu/documents/10162/047d6d28-1493-63ea-5c06-69f94d4a35dd">https://echa.europa.eu/documents/10162/047d6d28-1493-63ea-5c06-69f94d4a35dd</a>	
Lead diazide, Lead azide		236-542-1	13424-46-9	Toxic for reproduction (Article 57c)	19-Dec-2011	<a href="https://echa.europa.eu/documents/10162/defeb72b-e314-4707-b01d-dd25464eb5f1">https://echa.europa.eu/documents/10162/defeb72b-e314-4707-b01d-dd25464eb5f1</a>	<a href="https://echa.europa.eu/documents/10162/caccb51-ab67-4ee5-803f-f147d01feddc">https://echa.europa.eu/documents/10162/caccb51-ab67-4ee5-803f-f147d01feddc</a>	<a href="https://echa.europa.eu/documents/10162/9890a34b-0a57-4286-a2ab-b226ba3dfef3">https://echa.europa.eu/documents/10162/9890a34b-0a57-4286-a2ab-b226ba3dfef3</a>	<a href="https://echa.europa.eu/documents/10162/72716893-7cd5-259b-b02e-27a8251b3d16">https://echa.europa.eu/documents/10162/72716893-7cd5-259b-b02e-27a8251b3d16</a>	
Formaldehyde, oligomeric reaction products with aniline		500-036-1	25214-70-4	Carcinogenic (Article 57a)	19-Dec-2011	<a href="https://echa.europa.eu/documents/10162/f5ad72aa-57b0-456b-acca-080ea744a5d1">https://echa.europa.eu/documents/10162/f5ad72aa-57b0-456b-acca-080ea744a5d1</a>	<a href="https://echa.europa.eu/documents/10162/3ccc2258-f2d9-4330-b218-b781178c00a2">https://echa.europa.eu/documents/10162/3ccc2258-f2d9-4330-b218-b781178c00a2</a>	<a href="https://echa.europa.eu/documents/10162/9cd084c9-8c83-4cf4-81c9-f43d5c1f1fe8">https://echa.europa.eu/documents/10162/9cd084c9-8c83-4cf4-81c9-f43d5c1f1fe8</a>	<a href="https://echa.europa.eu/documents/10162/9ccd6638-ecf1-3cd8-1f64-f7b0c6e931a4">https://echa.europa.eu/documents/10162/9ccd6638-ecf1-3cd8-1f64-f7b0c6e931a4</a>	
Dichromium tris(chromate)		246-356-2	24613-89-6	Carcinogenic (Article 57a)	19-Dec-2011	<a href="https://echa.europa.eu/documents/10162/b5600741-d5d7-413c-9755-625a596d1ee1">https://echa.europa.eu/documents/10162/b5600741-d5d7-413c-9755-625a596d1ee1</a>	<a href="https://echa.europa.eu/documents/10162/3d86d90e-9593-4987-9856-639068f57402">https://echa.europa.eu/documents/10162/3d86d90e-9593-4987-9856-639068f57402</a>	<a href="https://echa.europa.eu/documents/10162/6426d317-2c05-40ba-90ae-0fbd67774f53">https://echa.europa.eu/documents/10162/6426d317-2c05-40ba-90ae-0fbd67774f53</a>	<a href="https://echa.europa.eu/documents/10162/2e3dc8f8-6055-183f-fc46-f86b85b089b6">https://echa.europa.eu/documents/10162/2e3dc8f8-6055-183f-fc46-f86b85b089b6</a>	
Calcium arsenate		231-904-5	7778-44-1	Carcinogenic (Article 57a)	19-Dec-2011	<a href="https://echa.europa.eu/documents/10162/cb4e87e7-ebdc-4a02-8333-7b30084a9be4">https://echa.europa.eu/documents/10162/cb4e87e7-ebdc-4a02-8333-7b30084a9be4</a>	<a href="https://echa.europa.eu/documents/10162/00c3ba78-f33e-461f-9fdd-4c365f2b5b23">https://echa.europa.eu/documents/10162/00c3ba78-f33e-461f-9fdd-4c365f2b5b23</a>	<a href="https://echa.europa.eu/documents/10162/cc629ba-7feb-462d-bce8-86ac200de8f5">https://echa.europa.eu/documents/10162/cc629ba-7feb-462d-bce8-86ac200de8f5</a>	<a href="https://echa.europa.eu/documents/10162/79ea9462-05c3-e0bd-c4ca-5fe289ab6a86">https://echa.europa.eu/documents/10162/79ea9462-05c3-e0bd-c4ca-5fe289ab6a86</a>	
Bis(2-methoxyethyl) phthalate		204-212-6	117-82-8	Toxic for reproduction (Article 57c)	19-Dec-2011	<a href="https://echa.europa.eu/documents/10162/18fc6f65-fb18-4151-b737-45ba0aefb181">https://echa.europa.eu/documents/10162/18fc6f65-fb18-4151-b737-45ba0aefb181</a>	<a href="https://echa.europa.eu/documents/10162/5d0a79ed-4557-4a6c-8017-fda04a4eb326">https://echa.europa.eu/documents/10162/5d0a79ed-4557-4a6c-8017-fda04a4eb326</a>	<a href="https://echa.europa.eu/documents/10162/bee2930b-03bb-4293-bda1-89381f8da2a6">https://echa.europa.eu/documents/10162/bee2930b-03bb-4293-bda1-89381f8da2a6</a>	<a href="https://echa.europa.eu/documents/10162/d4c509f3-22a8-ae10-60b3-84c2b574e4e2">https://echa.europa.eu/documents/10162/d4c509f3-22a8-ae10-60b3-84c2b574e4e2</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Bis(2-methoxyethyl) ether		203-924-4	111-96-6	Toxic for reproduction (Article 57c)	19-Dec-2011	<a href="https://echa.europa.eu/documents/10162/ee023359-daa8-43a2-8c82-242f0a7588f7">https://echa.europa.eu/documents/10162/ee023359-daa8-43a2-8c82-242f0a7588f7</a>	<a href="https://echa.europa.eu/documents/10162/169db6b2-a42d-46f3-8daf-a7d8385e84b4">https://echa.europa.eu/documents/10162/169db6b2-a42d-46f3-8daf-a7d8385e84b4</a>	<a href="https://echa.europa.eu/documents/10162/2e6c10fa-03d5-47b2-9337-e047743554b9">https://echa.europa.eu/documents/10162/2e6c10fa-03d5-47b2-9337-e047743554b9</a>	<a href="https://echa.europa.eu/documents/10162/da73be84-553c-2cdb-6c20-6f329649af7c">https://echa.europa.eu/documents/10162/da73be84-553c-2cdb-6c20-6f329649af7c</a>	
Arsenic acid		231-901-9	7778-39-4	Carcinogenic (Article 57a)	19-Dec-2011	<a href="https://echa.europa.eu/documents/10162/3646fac6-947b-41ea-b3bf-e231511be65c">https://echa.europa.eu/documents/10162/3646fac6-947b-41ea-b3bf-e231511be65c</a>	<a href="https://echa.europa.eu/documents/10162/c61d2694-b4f4-41c0-93da-68e959341b9c">https://echa.europa.eu/documents/10162/c61d2694-b4f4-41c0-93da-68e959341b9c</a>	<a href="https://echa.europa.eu/documents/10162/bc77d03b-2f02-4084-8fab-2b8d586f342a">https://echa.europa.eu/documents/10162/bc77d03b-2f02-4084-8fab-2b8d586f342a</a>	<a href="https://echa.europa.eu/documents/10162/704cd872-1329-10b8-7326-3d93eea4c147">https://echa.europa.eu/documents/10162/704cd872-1329-10b8-7326-3d93eea4c147</a>	
Aluminosilicate Refractory Ceramic Fibres	are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (Åµm) c) alkaline oxide and alkali earth oxide (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight	-	-	Carcinogenic (Article 57a)	19-Dec-2011	<a href="https://echa.europa.eu/documents/10162/df7f314c-bda4-496c-8d86-04fe2421e157">https://echa.europa.eu/documents/10162/df7f314c-bda4-496c-8d86-04fe2421e157</a> , <a href="https://echa.europa.eu/documents/10162/9c0854f5-3f46-4dc5-9776-72ac20f908e2">https://echa.europa.eu/documents/10162/9c0854f5-3f46-4dc5-9776-72ac20f908e2</a>	<a href="https://echa.europa.eu/documents/10162/71a6c340-4c9c-41d9-8c26-6e8d3236e456">https://echa.europa.eu/documents/10162/71a6c340-4c9c-41d9-8c26-6e8d3236e456</a>	<a href="https://echa.europa.eu/documents/10162/611cb779-7564-4a89-b381-c5a126b5a04b">https://echa.europa.eu/documents/10162/611cb779-7564-4a89-b381-c5a126b5a04b</a>	<a href="https://echa.europa.eu/documents/10162/c7882d5b-b6f3-94ca-c81a-756c2d5c130">https://echa.europa.eu/documents/10162/c7882d5b-b6f3-94ca-c81a-756c2d5c130</a>	
Refractories, fibers, aluminosilicate		-	142844-00-6	Carcinogenic (Article 57a)	19-Dec-2011	<a href="https://echa.europa.eu/documents/10162/df7f314c-bda4-496c-8d86-04fe2421e157">https://echa.europa.eu/documents/10162/df7f314c-bda4-496c-8d86-04fe2421e157</a> , <a href="https://echa.europa.eu/documents/10162/9c0854f5-3f46-4dc5-9776-72ac20f908e2">https://echa.europa.eu/documents/10162/9c0854f5-3f46-4dc5-9776-72ac20f908e2</a>	<a href="https://echa.europa.eu/documents/10162/71a6c340-4c9c-41d9-8c26-6e8d3236e456">https://echa.europa.eu/documents/10162/71a6c340-4c9c-41d9-8c26-6e8d3236e456</a>	<a href="https://echa.europa.eu/documents/10162/611cb779-7564-4a89-b381-c5a126b5a04b">https://echa.europa.eu/documents/10162/611cb779-7564-4a89-b381-c5a126b5a04b</a>	<a href="https://echa.europa.eu/documents/10162/c7882d5b-b6f3-94ca-c81a-756c2d5c130">https://echa.europa.eu/documents/10162/c7882d5b-b6f3-94ca-c81a-756c2d5c130</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
4-(1,1,3,3-tetramethylbutyl)phenol		205-426-2	140-66-9	Endocrine disrupting properties (Article 57(f) - environment)	19-Dec-2011	<a href="https://echa.europa.eu/documents/10162/189c55b4-d54b-4271-9e50-ce798faf9f4c">https://echa.europa.eu/documents/10162/189c55b4-d54b-4271-9e50-ce798faf9f4c</a>	<a href="https://echa.europa.eu/documents/10162/4c196bd6-2a91-4cb1-82ae-c65cb8a637ac">https://echa.europa.eu/documents/10162/4c196bd6-2a91-4cb1-82ae-c65cb8a637ac</a>	<a href="https://echa.europa.eu/documents/10162/4c6ccfd-d366-4a00-87e5-65a77181fb6">https://echa.europa.eu/documents/10162/4c6ccfd-d366-4a00-87e5-65a77181fb6</a>	<a href="https://echa.europa.eu/documents/10162/a08e8cda-06ee-de39-c975-5f36973dbb63">https://echa.europa.eu/documents/10162/a08e8cda-06ee-de39-c975-5f36973dbb63</a>	
2-Methoxyaniline, o-Anisidine		201-963-1	90-04-0	Carcinogenic (Article 57a)	19-Dec-2011	<a href="https://echa.europa.eu/documents/10162/30d99b89-85a5-45d1-8701-1ad0680afb1e">https://echa.europa.eu/documents/10162/30d99b89-85a5-45d1-8701-1ad0680afb1e</a>	<a href="https://echa.europa.eu/documents/10162/80f2ea14-b438-4ae6-bbcd-b6b214c7ae04">https://echa.europa.eu/documents/10162/80f2ea14-b438-4ae6-bbcd-b6b214c7ae04</a>	<a href="https://echa.europa.eu/documents/10162/faf9ec9a-af59-4c1d-b944-cc831b3b52b3">https://echa.europa.eu/documents/10162/faf9ec9a-af59-4c1d-b944-cc831b3b52b3</a>	<a href="https://echa.europa.eu/documents/10162/1b56118d-d4af-2d06-d15c-6e2354ff4990">https://echa.europa.eu/documents/10162/1b56118d-d4af-2d06-d15c-6e2354ff4990</a>	
2,2'-dichloro-4,4'-methylenedianiline		202-918-9	101-14-4	Carcinogenic (Article 57a)	19-Dec-2011	<a href="https://echa.europa.eu/documents/10162/0a89c9f0-1da4-406b-8285-9db907cbb66a">https://echa.europa.eu/documents/10162/0a89c9f0-1da4-406b-8285-9db907cbb66a</a>	<a href="https://echa.europa.eu/documents/10162/40909414-f320-4c4d-8519-3b9895c794e1">https://echa.europa.eu/documents/10162/40909414-f320-4c4d-8519-3b9895c794e1</a>	<a href="https://echa.europa.eu/documents/10162/6f0cee92-fe4f-492d-b8e1-78ac46ee1a85">https://echa.europa.eu/documents/10162/6f0cee92-fe4f-492d-b8e1-78ac46ee1a85</a>	<a href="https://echa.europa.eu/documents/10162/883f8b33-697f-5708-dbec-fa3e4979fa57">https://echa.europa.eu/documents/10162/883f8b33-697f-5708-dbec-fa3e4979fa57</a>	
1,2-dichloroethane		203-458-1	107-06-2	Carcinogenic (Article 57a)	19-Dec-2011	<a href="https://echa.europa.eu/documents/10162/55390ac1-1267-4141-af33-67c787b50a0d">https://echa.europa.eu/documents/10162/55390ac1-1267-4141-af33-67c787b50a0d</a>	<a href="https://echa.europa.eu/documents/10162/9e0c9155-9ec9-489a-976d-4312ab5838cf">https://echa.europa.eu/documents/10162/9e0c9155-9ec9-489a-976d-4312ab5838cf</a>	<a href="https://echa.europa.eu/documents/10162/a40ec08f-918f-4f60-b1f4-43a9517f6433">https://echa.europa.eu/documents/10162/a40ec08f-918f-4f60-b1f4-43a9517f6433</a>	<a href="https://echa.europa.eu/documents/10162/77829f20-a011-adb8-fb45-4450e9db64b7">https://echa.europa.eu/documents/10162/77829f20-a011-adb8-fb45-4450e9db64b7</a>	
Strontium chromate		232-142-6	7789-06-2	Carcinogenic (Article 57a)	20-Jun-2011	<a href="https://echa.europa.eu/documents/10162/8003d372-68f9-4a5a-9094-4e6d0b58169c">https://echa.europa.eu/documents/10162/8003d372-68f9-4a5a-9094-4e6d0b58169c</a>	<a href="https://echa.europa.eu/documents/10162/dbf5f0a3-13f7-4dccc-9638-be11aa9796bc">https://echa.europa.eu/documents/10162/dbf5f0a3-13f7-4dccc-9638-be11aa9796bc</a>	<a href="https://echa.europa.eu/documents/10162/b404f6d6-e6a2-412a-8362-542d297fd1bd">https://echa.europa.eu/documents/10162/b404f6d6-e6a2-412a-8362-542d297fd1bd</a>	<a href="https://echa.europa.eu/documents/10162/98b171ab-1ab9-d334-ccea-76179abd24f6">https://echa.europa.eu/documents/10162/98b171ab-1ab9-d334-ccea-76179abd24f6</a>	
Hydrazine		206-114-9	302-01-2, 7803-57-8	Carcinogenic (Article 57a)	20-Jun-2011	<a href="https://echa.europa.eu/documents/10162/c5b972a9-f57f-4fd5-8177-04b4e46c5e93">https://echa.europa.eu/documents/10162/c5b972a9-f57f-4fd5-8177-04b4e46c5e93</a>	<a href="https://echa.europa.eu/documents/10162/8c489ab1-cc43-4655-9fdf-9ba8fafec98">https://echa.europa.eu/documents/10162/8c489ab1-cc43-4655-9fdf-9ba8fafec98</a>	<a href="https://echa.europa.eu/documents/10162/dcbad586-92e2-496c-bf17-f2d4fd7a7e5e">https://echa.europa.eu/documents/10162/dcbad586-92e2-496c-bf17-f2d4fd7a7e5e</a>	<a href="https://echa.europa.eu/documents/10162/8077c3d0-b547-5cec-dd34-0804abf35d93">https://echa.europa.eu/documents/10162/8077c3d0-b547-5cec-dd34-0804abf35d93</a>	
2-ethoxyethyl acetate		203-839-2	111-15-9	Toxic for reproduction (Article 57c)	20-Jun-2011	<a href="https://echa.europa.eu/documents/10162/4b69d66f-b3f9-4b3d-a1fb-a90c4825f7d5">https://echa.europa.eu/documents/10162/4b69d66f-b3f9-4b3d-a1fb-a90c4825f7d5</a>	<a href="https://echa.europa.eu/documents/10162/a4d1618e-1de0-45ee-95d4-7c0b97f8f4bb">https://echa.europa.eu/documents/10162/a4d1618e-1de0-45ee-95d4-7c0b97f8f4bb</a>	<a href="https://echa.europa.eu/documents/10162/e3566164-121d-4007-9f6c-eeb1b6e67c14">https://echa.europa.eu/documents/10162/e3566164-121d-4007-9f6c-eeb1b6e67c14</a>	<a href="https://echa.europa.eu/documents/10162/4143edd3-cb57-c9f6-f0d4-2c859a736be8">https://echa.europa.eu/documents/10162/4143edd3-cb57-c9f6-f0d4-2c859a736be8</a>	
1-Methyl-2-pyrrolidone (NMP)		212-828-1	872-50-4	Toxic for reproduction (Article 57c)	20-Jun-2011	<a href="https://echa.europa.eu/documents/10162/2d6cdfd7-e924-45fa-85d4-4450a7b4bf5a">https://echa.europa.eu/documents/10162/2d6cdfd7-e924-45fa-85d4-4450a7b4bf5a</a>	<a href="https://echa.europa.eu/documents/10162/2a739583-e50d-458f-860b-2170d391621d">https://echa.europa.eu/documents/10162/2a739583-e50d-458f-860b-2170d391621d</a>	<a href="https://echa.europa.eu/documents/10162/1c4e3474-34ee-4c15-aaef-dafd1cb47779">https://echa.europa.eu/documents/10162/1c4e3474-34ee-4c15-aaef-dafd1cb47779</a>	<a href="https://echa.europa.eu/documents/10162/e8ed4407-d09b-02bd-441e-f02950db4f74">https://echa.europa.eu/documents/10162/e8ed4407-d09b-02bd-441e-f02950db4f74</a>	
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters		271-084-6	68515-42-4	Toxic for reproduction (Article 57c)	20-Jun-2011	<a href="https://echa.europa.eu/documents/10162/e0602e69-f758-4eef-88c6-6e9c7a0359e6">https://echa.europa.eu/documents/10162/e0602e69-f758-4eef-88c6-6e9c7a0359e6</a>	<a href="https://echa.europa.eu/documents/10162/607fe319-a2a5-412f-9411-7fe86a8dd261">https://echa.europa.eu/documents/10162/607fe319-a2a5-412f-9411-7fe86a8dd261</a>	<a href="https://echa.europa.eu/documents/10162/9064c470-918c-4459-b1de-f6112da0a8ec">https://echa.europa.eu/documents/10162/9064c470-918c-4459-b1de-f6112da0a8ec</a>	<a href="https://echa.europa.eu/documents/10162/0ee9eaa7-282e-aaf9-03d7-58a70984249e">https://echa.europa.eu/documents/10162/0ee9eaa7-282e-aaf9-03d7-58a70984249e</a>	
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich		276-158-1	71888-89-6	Toxic for reproduction (Article 57c)	20-Jun-2011	<a href="https://echa.europa.eu/documents/10162/1d278ff8-5bc6-4fa4-8b6a-6847121fcc9d">https://echa.europa.eu/documents/10162/1d278ff8-5bc6-4fa4-8b6a-6847121fcc9d</a>	<a href="https://echa.europa.eu/documents/10162/23661523-674a-4366-bf5d-8597e97f09a5">https://echa.europa.eu/documents/10162/23661523-674a-4366-bf5d-8597e97f09a5</a>	<a href="https://echa.europa.eu/documents/10162/4ecec0c5-de0a-403e-8bad-bb2439aed1cd">https://echa.europa.eu/documents/10162/4ecec0c5-de0a-403e-8bad-bb2439aed1cd</a>	<a href="https://echa.europa.eu/documents/10162/caf060a0-d277-1665-a24d-335d971a255a">https://echa.europa.eu/documents/10162/caf060a0-d277-1665-a24d-335d971a255a</a>	
1,2,3-trichloropropane		202-486-1	96-18-4	Carcinogenic (Article 57a), Toxic for reproduction (Article 57c)	20-Jun-2011	<a href="https://echa.europa.eu/documents/10162/6b5d8cc7-e37e-46e1-9d91-0f8d529ca833">https://echa.europa.eu/documents/10162/6b5d8cc7-e37e-46e1-9d91-0f8d529ca833</a>	<a href="https://echa.europa.eu/documents/10162/5c763e23-3df9-4568-990f-df7d38977711">https://echa.europa.eu/documents/10162/5c763e23-3df9-4568-990f-df7d38977711</a>	<a href="https://echa.europa.eu/documents/10162/e8d4bcb-d81c1-4a59-a97d-d1cb30c29ec8">https://echa.europa.eu/documents/10162/e8d4bcb-d81c1-4a59-a97d-d1cb30c29ec8</a>	<a href="https://echa.europa.eu/documents/10162/16196c31-ff09-f53e-9f78-aef429e56548">https://echa.europa.eu/documents/10162/16196c31-ff09-f53e-9f78-aef429e56548</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Cobalt(II) sulphate		233-334-2	10124-43-3	Carcinogenic (Article 57a), Toxic for reproduction (Article 57c)	15-Dec-2010	<a href="https://echa.europa.eu/documents/10162/034150e5-fa99-4659-a208-3492fed19012">https://echa.europa.eu/documents/10162/034150e5-fa99-4659-a208-3492fed19012</a>	<a href="https://echa.europa.eu/documents/10162/6156179b-31de-4d5a-8bde-4c596e132251">https://echa.europa.eu/documents/10162/6156179b-31de-4d5a-8bde-4c596e132251</a>	<a href="https://echa.europa.eu/documents/10162/5fa87d07-2872-4502-b07c-4186797aa442">https://echa.europa.eu/documents/10162/5fa87d07-2872-4502-b07c-4186797aa442</a>	<a href="https://echa.europa.eu/documents/10162/2609fc0f-7c31-ebb9-50cd-293fa9f76238">https://echa.europa.eu/documents/10162/2609fc0f-7c31-ebb9-50cd-293fa9f76238</a>	
Cobalt(II) dinitrate		233-402-1	10141-05-6	Carcinogenic (Article 57a), Toxic for reproduction (Article 57c)	15-Dec-2010	<a href="https://echa.europa.eu/documents/10162/93d2146d-6f41-43f1-9e4c-6c65ee52bfee">https://echa.europa.eu/documents/10162/93d2146d-6f41-43f1-9e4c-6c65ee52bfee</a>	<a href="https://echa.europa.eu/documents/10162/b0db8920-3429-46d7-9788-9f327712301d">https://echa.europa.eu/documents/10162/b0db8920-3429-46d7-9788-9f327712301d</a>	<a href="https://echa.europa.eu/documents/10162/a6ff4bdb-6aa3-48ff-b9b4-6f086d8f35fa">https://echa.europa.eu/documents/10162/a6ff4bdb-6aa3-48ff-b9b4-6f086d8f35fa</a>	<a href="https://echa.europa.eu/documents/10162/48eb838f-79f0-3322-7ccc-c2a198040538">https://echa.europa.eu/documents/10162/48eb838f-79f0-3322-7ccc-c2a198040538</a>	
Cobalt(II) diacetate		200-755-8	71-48-7	Carcinogenic (Article 57a), Toxic for reproduction (Article 57c)	15-Dec-2010	<a href="https://echa.europa.eu/documents/10162/454374bb-5c3a-4716-bce2-2bf2879536d3">https://echa.europa.eu/documents/10162/454374bb-5c3a-4716-bce2-2bf2879536d3</a>	<a href="https://echa.europa.eu/documents/10162/b7623ce3-4a1d-4b72-8bd3-b4087295269">https://echa.europa.eu/documents/10162/b7623ce3-4a1d-4b72-8bd3-b4087295269</a>	<a href="https://echa.europa.eu/documents/10162/f68e76b3-751d-48b4-a225-4a23c0ee6249">https://echa.europa.eu/documents/10162/f68e76b3-751d-48b4-a225-4a23c0ee6249</a>	<a href="https://echa.europa.eu/documents/10162/725dc1e5-4900-4e07-e15c-c41633ddd11f">https://echa.europa.eu/documents/10162/725dc1e5-4900-4e07-e15c-c41633ddd11f</a>	
Cobalt(II) carbonate		208-169-4	513-79-1	Carcinogenic (Article 57a), Toxic for reproduction (Article 57c)	15-Dec-2010	<a href="https://echa.europa.eu/documents/10162/75006cd4-1dc6-47de-bc84-dd92e07201a9">https://echa.europa.eu/documents/10162/75006cd4-1dc6-47de-bc84-dd92e07201a9</a>	<a href="https://echa.europa.eu/documents/10162/8724ec6d-5db0-4768-a9a9-43174499cde5">https://echa.europa.eu/documents/10162/8724ec6d-5db0-4768-a9a9-43174499cde5</a>	<a href="https://echa.europa.eu/documents/10162/efdc02e9-f1e6-47c7-872b-7d6285457495">https://echa.europa.eu/documents/10162/efdc02e9-f1e6-47c7-872b-7d6285457495</a>	<a href="https://echa.europa.eu/documents/10162/2a97b8e1-274e-0df6-24de-1791868ff37c">https://echa.europa.eu/documents/10162/2a97b8e1-274e-0df6-24de-1791868ff37c</a>	
Chromium trioxide		215-607-8	1333-82-0	Carcinogenic (Article 57a), Mutagenic (Article 57b)	15-Dec-2010	<a href="https://echa.europa.eu/documents/10162/6b11ec66-9d90-400a-a61a-90de9a0fd8b1">https://echa.europa.eu/documents/10162/6b11ec66-9d90-400a-a61a-90de9a0fd8b1</a>	<a href="https://echa.europa.eu/documents/10162/26e69088-ff48-41b2-86be-ad93559d4c1d">https://echa.europa.eu/documents/10162/26e69088-ff48-41b2-86be-ad93559d4c1d</a>	<a href="https://echa.europa.eu/documents/10162/6b7798d0-6e23-4e72-a1ea-ec989ef1e9b6">https://echa.europa.eu/documents/10162/6b7798d0-6e23-4e72-a1ea-ec989ef1e9b6</a>	<a href="https://echa.europa.eu/documents/10162/412bacac-471b-5982-5db4-dbe5b671947b">https://echa.europa.eu/documents/10162/412bacac-471b-5982-5db4-dbe5b671947b</a>	
Acids generated from chromium trioxide and their oligomers		-	-	Carcinogenic (Article 57a)	15-Dec-2010	<a href="https://echa.europa.eu/documents/10162/7ec3a9eb-a9f6-4e82-9e7d-99794b3dc95e">https://echa.europa.eu/documents/10162/7ec3a9eb-a9f6-4e82-9e7d-99794b3dc95e</a>	<a href="https://echa.europa.eu/documents/10162/e49af511-8109-4671-87c9-d1929bd1f9df,https://echa.europa.eu/documents/10162/b3342013-b216-403f-b9f6-ea2d704d45e3">https://echa.europa.eu/documents/10162/e49af511-8109-4671-87c9-d1929bd1f9df,https://echa.europa.eu/documents/10162/b3342013-b216-403f-b9f6-ea2d704d45e3</a>	<a href="https://echa.europa.eu/documents/10162/b4e7126f-3045-4159-8142-958061cf13ac">https://echa.europa.eu/documents/10162/b4e7126f-3045-4159-8142-958061cf13ac</a>	<a href="https://echa.europa.eu/documents/10162/bf1c6776-60e5-cd31-7fc2-8a073e592fcb">https://echa.europa.eu/documents/10162/bf1c6776-60e5-cd31-7fc2-8a073e592fcb</a>	
Chromic acid		231-801-5	7738-94-5	Carcinogenic (Article 57a)	15-Dec-2010	<a href="https://echa.europa.eu/documents/10162/7ec3a9eb-a9f6-4e82-9e7d-99794b3dc95e">https://echa.europa.eu/documents/10162/7ec3a9eb-a9f6-4e82-9e7d-99794b3dc95e</a>	<a href="https://echa.europa.eu/documents/10162/e49af511-8109-4671-87c9-d1929bd1f9df,https://echa.europa.eu/documents/10162/b3342013-b216-403f-b9f6-ea2d704d45e3">https://echa.europa.eu/documents/10162/e49af511-8109-4671-87c9-d1929bd1f9df,https://echa.europa.eu/documents/10162/b3342013-b216-403f-b9f6-ea2d704d45e3</a>	<a href="https://echa.europa.eu/documents/10162/b4e7126f-3045-4159-8142-958061cf13ac">https://echa.europa.eu/documents/10162/b4e7126f-3045-4159-8142-958061cf13ac</a>	<a href="https://echa.europa.eu/documents/10162/bf1c6776-60e5-cd31-7fc2-8a073e592fcb">https://echa.europa.eu/documents/10162/bf1c6776-60e5-cd31-7fc2-8a073e592fcb</a>	
Oligomers of chromic acid and dichromic acid		-	-	Carcinogenic (Article 57a)	15-Dec-2010	<a href="https://echa.europa.eu/documents/10162/7ec3a9eb-a9f6-4e82-9e7d-99794b3dc95e">https://echa.europa.eu/documents/10162/7ec3a9eb-a9f6-4e82-9e7d-99794b3dc95e</a>	<a href="https://echa.europa.eu/documents/10162/e49af511-8109-4671-87c9-d1929bd1f9df,https://echa.europa.eu/documents/10162/b3342013-b216-403f-b9f6-ea2d704d45e3">https://echa.europa.eu/documents/10162/e49af511-8109-4671-87c9-d1929bd1f9df,https://echa.europa.eu/documents/10162/b3342013-b216-403f-b9f6-ea2d704d45e3</a>	<a href="https://echa.europa.eu/documents/10162/b4e7126f-3045-4159-8142-958061cf13ac">https://echa.europa.eu/documents/10162/b4e7126f-3045-4159-8142-958061cf13ac</a>	<a href="https://echa.europa.eu/documents/10162/bf1c6776-60e5-cd31-7fc2-8a073e592fcb">https://echa.europa.eu/documents/10162/bf1c6776-60e5-cd31-7fc2-8a073e592fcb</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Dichromic acid		236-881-5	13530-68-2	Carcinogenic (Article 57a)	15-Dec-2010	<a href="https://echa.europa.eu/documents/10162/7ec3a9eb-a9f6-4e82-9e7d-99794b3dc95e">https://echa.europa.eu/documents/10162/7ec3a9eb-a9f6-4e82-9e7d-99794b3dc95e</a>	<a href="https://echa.europa.eu/documents/10162/e49af511-8109-4671-87c9-d1929bd1f9df">https://echa.europa.eu/documents/10162/e49af511-8109-4671-87c9-d1929bd1f9df</a> , <a href="https://echa.europa.eu/documents/10162/b3342013-b216-403f-b9f6-ea2d704d45e3">https://echa.europa.eu/documents/10162/b3342013-b216-403f-b9f6-ea2d704d45e3</a>	<a href="https://echa.europa.eu/documents/10162/b4e7126f-3045-4159-8142-958061cf13ac">https://echa.europa.eu/documents/10162/b4e7126f-3045-4159-8142-958061cf13ac</a>	<a href="https://echa.europa.eu/documents/10162/bf1c6776-60e5-cd31-7fc2-8a073e592fcb">https://echa.europa.eu/documents/10162/bf1c6776-60e5-cd31-7fc2-8a073e592fcb</a>	
2-methoxyethanol		203-713-7	109-86-4	Toxic for reproduction (Article 57c)	15-Dec-2010	<a href="https://echa.europa.eu/documents/10162/d0434782-81cb-43af-ba42-88c301aeb105">https://echa.europa.eu/documents/10162/d0434782-81cb-43af-ba42-88c301aeb105</a>	<a href="https://echa.europa.eu/documents/10162/2c32ce81-9fe4-4bec-ab99-cefb0db64f70">https://echa.europa.eu/documents/10162/2c32ce81-9fe4-4bec-ab99-cefb0db64f70</a>	<a href="https://echa.europa.eu/documents/10162/de7fb120-e51b-408c-9753-5c605be53de9">https://echa.europa.eu/documents/10162/de7fb120-e51b-408c-9753-5c605be53de9</a>	<a href="https://echa.europa.eu/documents/10162/97777174-b86f-1e5e-fb0a-92a7ab4e1fda">https://echa.europa.eu/documents/10162/97777174-b86f-1e5e-fb0a-92a7ab4e1fda</a>	
2-ethoxyethanol		203-804-1	110-80-5	Toxic for reproduction (Article 57c)	15-Dec-2010	<a href="https://echa.europa.eu/documents/10162/f25b7ab7-c339-4b4a-900b-7a2d38c32c1f">https://echa.europa.eu/documents/10162/f25b7ab7-c339-4b4a-900b-7a2d38c32c1f</a>	<a href="https://echa.europa.eu/documents/10162/16b140dd-f4a7-4b4c-a7c4-696ff16785ea">https://echa.europa.eu/documents/10162/16b140dd-f4a7-4b4c-a7c4-696ff16785ea</a>	<a href="https://echa.europa.eu/documents/10162/b8b0b5ed-43be-4c24-8d81-96b799916955">https://echa.europa.eu/documents/10162/b8b0b5ed-43be-4c24-8d81-96b799916955</a>	<a href="https://echa.europa.eu/documents/10162/7c99a5c1-5dad-d72-f660-e4c451739bbf">https://echa.europa.eu/documents/10162/7c99a5c1-5dad-d72-f660-e4c451739bbf</a>	
Trichloroethylene		201-167-4	79-01-6	Carcinogenic (Article 57a)	18-Jun-2010	<a href="https://echa.europa.eu/documents/10162/d54e4381-eebe-41dd-9eb5-5794d383f043">https://echa.europa.eu/documents/10162/d54e4381-eebe-41dd-9eb5-5794d383f043</a>	<a href="https://echa.europa.eu/documents/10162/bf5436ce-44ed-49c8-b7e6-51804d3cb0a5">https://echa.europa.eu/documents/10162/bf5436ce-44ed-49c8-b7e6-51804d3cb0a5</a>	<a href="https://echa.europa.eu/documents/10162/8bbf5e70-f0a4-46c0-84db-f2340c74d64e">https://echa.europa.eu/documents/10162/8bbf5e70-f0a4-46c0-84db-f2340c74d64e</a>	<a href="https://echa.europa.eu/documents/10162/50be92c9-8f8f-8cb9-3b52-12d018a788b7">https://echa.europa.eu/documents/10162/50be92c9-8f8f-8cb9-3b52-12d018a788b7</a>	
Tetraboron disodium heptaoxide, hydrate		235-541-3	12267-73-1	Toxic for reproduction (Article 57c)	18-Jun-2010	<a href="https://echa.europa.eu/documents/10162/4ed94bb5-533a-4a8a-823f-6348859263d1">https://echa.europa.eu/documents/10162/4ed94bb5-533a-4a8a-823f-6348859263d1</a>	<a href="https://echa.europa.eu/documents/10162/b743c746-3dd3-4ddb-83f9-8446d5615222">https://echa.europa.eu/documents/10162/b743c746-3dd3-4ddb-83f9-8446d5615222</a>	<a href="https://echa.europa.eu/documents/10162/a049f842-ad66-4b06-b1ec-39fd6c6f47ba">https://echa.europa.eu/documents/10162/a049f842-ad66-4b06-b1ec-39fd6c6f47ba</a>	<a href="https://echa.europa.eu/documents/10162/e893fee3-07e0-8f9b-a3be-29c7c75008f2">https://echa.europa.eu/documents/10162/e893fee3-07e0-8f9b-a3be-29c7c75008f2</a>	
Sodium chromate		231-889-5	7775-11-3	Carcinogenic (Article 57a), Mutagenic (Article 57b), Toxic for reproduction (Article 57c)	18-Jun-2010	<a href="https://echa.europa.eu/documents/10162/f7a917fb-3073-4f18-93db-d49e3587df84">https://echa.europa.eu/documents/10162/f7a917fb-3073-4f18-93db-d49e3587df84</a>	<a href="https://echa.europa.eu/documents/10162/604acc0d-b03f-4c88-b9e1-574a0709b463">https://echa.europa.eu/documents/10162/604acc0d-b03f-4c88-b9e1-574a0709b463</a>	<a href="https://echa.europa.eu/documents/10162/c5d6f8de-bbe1-4b31-b7c4-d8e5b8d65517">https://echa.europa.eu/documents/10162/c5d6f8de-bbe1-4b31-b7c4-d8e5b8d65517</a>	<a href="https://echa.europa.eu/documents/10162/7bfc757c-3719-2959-1ffd-f2bdb7160259">https://echa.europa.eu/documents/10162/7bfc757c-3719-2959-1ffd-f2bdb7160259</a>	
Potassium dichromate		231-906-6	7778-50-9	Carcinogenic (Article 57a), Mutagenic (Article 57b), Toxic for reproduction (Article 57c)	18-Jun-2010	<a href="https://echa.europa.eu/documents/10162/0f342468-8b83-48af-b1ce-c46eb9e011bf">https://echa.europa.eu/documents/10162/0f342468-8b83-48af-b1ce-c46eb9e011bf</a>	<a href="https://echa.europa.eu/documents/10162/cb89df11-a881-4c96-98aa-058ddaf85532">https://echa.europa.eu/documents/10162/cb89df11-a881-4c96-98aa-058ddaf85532</a>	<a href="https://echa.europa.eu/documents/10162/3ac167c4-9f8e-4375-92f6-285a2911cee0">https://echa.europa.eu/documents/10162/3ac167c4-9f8e-4375-92f6-285a2911cee0</a>	<a href="https://echa.europa.eu/documents/10162/a1656dde-4912-2cfb-8605-690a46b7b790">https://echa.europa.eu/documents/10162/a1656dde-4912-2cfb-8605-690a46b7b790</a>	
Potassium chromate		232-140-5	7789-00-6	Carcinogenic (Article 57a), Mutagenic (Article 57b)	18-Jun-2010	<a href="https://echa.europa.eu/documents/10162/4116dc63-d4ff-4465-b598-a81622c5f58b">https://echa.europa.eu/documents/10162/4116dc63-d4ff-4465-b598-a81622c5f58b</a>	<a href="https://echa.europa.eu/documents/10162/6ca9ac30-7102-4c5a-9eb8-bbcefc64c411">https://echa.europa.eu/documents/10162/6ca9ac30-7102-4c5a-9eb8-bbcefc64c411</a>	<a href="https://echa.europa.eu/documents/10162/e6da86f5-0988-4fb2-9dcf-84087571c5af">https://echa.europa.eu/documents/10162/e6da86f5-0988-4fb2-9dcf-84087571c5af</a>	<a href="https://echa.europa.eu/documents/10162/3384d4c1-6650-fae8-5f86-22be13577d99">https://echa.europa.eu/documents/10162/3384d4c1-6650-fae8-5f86-22be13577d99</a>	
Disodium tetraborate, anhydrous		215-540-4	12179-04-3, 1303-96-4, 1330-43-4	Toxic for reproduction (Article 57c)	18-Jun-2010	<a href="https://echa.europa.eu/documents/10162/4912ba63-c1c1-4698-b1a0-3b58f6024cd5">https://echa.europa.eu/documents/10162/4912ba63-c1c1-4698-b1a0-3b58f6024cd5</a>	<a href="https://echa.europa.eu/documents/10162/423223b2-23c6-4203-a1c5-c1e4c4f47e854">https://echa.europa.eu/documents/10162/423223b2-23c6-4203-a1c5-c1e4c4f47e854</a>	<a href="https://echa.europa.eu/documents/10162/04e29ef1-f56d-4926-96f6-c2865c5e10a7">https://echa.europa.eu/documents/10162/04e29ef1-f56d-4926-96f6-c2865c5e10a7</a>	<a href="https://echa.europa.eu/documents/10162/9004f5d0-c545-42ce-8839-e07b8f938e7a">https://echa.europa.eu/documents/10162/9004f5d0-c545-42ce-8839-e07b8f938e7a</a>	



Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Boric acid	EC No. 233-139-2 and EC No. 234-343-4	-	-	Toxic for reproduction (Article 57c)	18-Jun-2010	<a href="https://echa.europa.eu/documents/10162/6877f24b-c82b-4021-b05b-a25af94185c0">https://echa.europa.eu/documents/10162/6877f24b-c82b-4021-b05b-a25af94185c0</a>	<a href="https://echa.europa.eu/documents/10162/cad21145-7d6a-4c1f-b640-80cfe475b45c">https://echa.europa.eu/documents/10162/cad21145-7d6a-4c1f-b640-80cfe475b45c</a> , <a href="https://echa.europa.eu/documents/10162/910d71c0-785a-4b54-997a-6b4396389739">https://echa.europa.eu/documents/10162/910d71c0-785a-4b54-997a-6b4396389739</a>	<a href="https://echa.europa.eu/documents/10162/d51fd473-40ec-4831-bc2d-6f53bdf9cbbe">https://echa.europa.eu/documents/10162/d51fd473-40ec-4831-bc2d-6f53bdf9cbbe</a>	<a href="https://echa.europa.eu/documents/10162/2991b041-b25e-7f6a-0900-2ebef8c9e030">https://echa.europa.eu/documents/10162/2991b041-b25e-7f6a-0900-2ebef8c9e030</a>	
Boric acid, crude natural		234-343-4	11113-50-1	Toxic for reproduction (Article 57c)	18-Jun-2010	<a href="https://echa.europa.eu/documents/10162/6877f24b-c82b-4021-b05b-a25af94185c0">https://echa.europa.eu/documents/10162/6877f24b-c82b-4021-b05b-a25af94185c0</a>	<a href="https://echa.europa.eu/documents/10162/cad21145-7d6a-4c1f-b640-80cfe475b45c">https://echa.europa.eu/documents/10162/cad21145-7d6a-4c1f-b640-80cfe475b45c</a> , <a href="https://echa.europa.eu/documents/10162/910d71c0-785a-4b54-997a-6b4396389739">https://echa.europa.eu/documents/10162/910d71c0-785a-4b54-997a-6b4396389739</a>	<a href="https://echa.europa.eu/documents/10162/d51fd473-40ec-4831-bc2d-6f53bdf9cbbe">https://echa.europa.eu/documents/10162/d51fd473-40ec-4831-bc2d-6f53bdf9cbbe</a>	<a href="https://echa.europa.eu/documents/10162/2991b041-b25e-7f6a-0900-2ebef8c9e030">https://echa.europa.eu/documents/10162/2991b041-b25e-7f6a-0900-2ebef8c9e030</a>	
Boric acid		233-139-2	10043-35-3	Toxic for reproduction (Article 57c)	18-Jun-2010	<a href="https://echa.europa.eu/documents/10162/6877f24b-c82b-4021-b05b-a25af94185c0">https://echa.europa.eu/documents/10162/6877f24b-c82b-4021-b05b-a25af94185c0</a>	<a href="https://echa.europa.eu/documents/10162/cad21145-7d6a-4c1f-b640-80cfe475b45c">https://echa.europa.eu/documents/10162/cad21145-7d6a-4c1f-b640-80cfe475b45c</a> , <a href="https://echa.europa.eu/documents/10162/910d71c0-785a-4b54-997a-6b4396389739">https://echa.europa.eu/documents/10162/910d71c0-785a-4b54-997a-6b4396389739</a>	<a href="https://echa.europa.eu/documents/10162/d51fd473-40ec-4831-bc2d-6f53bdf9cbbe">https://echa.europa.eu/documents/10162/d51fd473-40ec-4831-bc2d-6f53bdf9cbbe</a>	<a href="https://echa.europa.eu/documents/10162/2991b041-b25e-7f6a-0900-2ebef8c9e030">https://echa.europa.eu/documents/10162/2991b041-b25e-7f6a-0900-2ebef8c9e030</a>	
Ammonium dichromate		232-143-1	7789-09-5	Carcinogenic (Article 57a), Mutagenic (Article 57b), Toxic for reproduction (Article 57c)	18-Jun-2010	<a href="https://echa.europa.eu/documents/10162/ff5cd363-1d18-4b42-a208-b0aa4034348e">https://echa.europa.eu/documents/10162/ff5cd363-1d18-4b42-a208-b0aa4034348e</a>	<a href="https://echa.europa.eu/documents/10162/e3fb1a7c-4bd5-4540-9997-fc9f040c1a2f">https://echa.europa.eu/documents/10162/e3fb1a7c-4bd5-4540-9997-fc9f040c1a2f</a>	<a href="https://echa.europa.eu/documents/10162/b09ce051-1fe5-425a-bdd0-0f6eb628230b">https://echa.europa.eu/documents/10162/b09ce051-1fe5-425a-bdd0-0f6eb628230b</a>	<a href="https://echa.europa.eu/documents/10162/875e5e2d-586f-5c6a-5440-b40ed7024aee">https://echa.europa.eu/documents/10162/875e5e2d-586f-5c6a-5440-b40ed7024aee</a>	
Acrylamide		201-173-7	79-06-1	Carcinogenic (Article 57a), Mutagenic (Article 57b)	30-Mar-2010	<a href="https://echa.europa.eu/documents/10162/b280c0f2-f957-44d9-9584-097444464b22">https://echa.europa.eu/documents/10162/b280c0f2-f957-44d9-9584-097444464b22</a>	<a href="https://echa.europa.eu/documents/10162/13141b6e-f285-44bf-9868-d5e089875101">https://echa.europa.eu/documents/10162/13141b6e-f285-44bf-9868-d5e089875101</a>	<a href="https://echa.europa.eu/documents/10162/7f1a698d-9910-4e8a-a6a7-0806427abd26">https://echa.europa.eu/documents/10162/7f1a698d-9910-4e8a-a6a7-0806427abd26</a>	<a href="https://echa.europa.eu/documents/10162/4c9a4bdf-23eb-bd23-7a56-9d34b5641826">https://echa.europa.eu/documents/10162/4c9a4bdf-23eb-bd23-7a56-9d34b5641826</a>	
Tris(2-chloroethyl) phosphate		204-118-5	115-96-8	Toxic for reproduction (Article 57c)	13-Jan-2010	<a href="https://echa.europa.eu/documents/10162/78d8ecfd-5e83-4299-9f16-15681ee11bbb">https://echa.europa.eu/documents/10162/78d8ecfd-5e83-4299-9f16-15681ee11bbb</a>	<a href="https://echa.europa.eu/documents/10162/d36f5718-6e5c-4fca-9e31-efed9c50d0d0">https://echa.europa.eu/documents/10162/d36f5718-6e5c-4fca-9e31-efed9c50d0d0</a>	<a href="https://echa.europa.eu/documents/10162/6d09755f-7fcb-4a00-b7ce-91ab45a2e5af">https://echa.europa.eu/documents/10162/6d09755f-7fcb-4a00-b7ce-91ab45a2e5af</a>	<a href="https://echa.europa.eu/documents/10162/da069526-8af2-c6c3-3d6d-2c06b7446f82">https://echa.europa.eu/documents/10162/da069526-8af2-c6c3-3d6d-2c06b7446f82</a>	
Pitch, coal tar, high-temp.	-	266-028-2	65996-93-2	Carcinogenic (Article 57a), PBT (Article 57d), vPvB (Article 57e)	13-Jan-2010	<a href="https://echa.europa.eu/documents/10162/30488018-7d14-42b1-90eb-8235974bf023">https://echa.europa.eu/documents/10162/30488018-7d14-42b1-90eb-8235974bf023</a>	<a href="https://echa.europa.eu/documents/10162/d3d19672-64d5-47f4-aa47-66729f6990ec">https://echa.europa.eu/documents/10162/d3d19672-64d5-47f4-aa47-66729f6990ec</a>	<a href="https://echa.europa.eu/documents/10162/73d246d4-8c2a-4150-b656-c15948bf0e77">https://echa.europa.eu/documents/10162/73d246d4-8c2a-4150-b656-c15948bf0e77</a>	<a href="https://echa.europa.eu/documents/10162/9762a7b3-6123-562f-0bdf-2213e07a427d">https://echa.europa.eu/documents/10162/9762a7b3-6123-562f-0bdf-2213e07a427d</a>	
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	-	215-693-7	1344-37-2	Carcinogenic (Article 57a), Toxic for reproduction (Article 57c)	13-Jan-2010	<a href="https://echa.europa.eu/documents/10162/7d4b0549-413a-4642-ac69-069566c2f624">https://echa.europa.eu/documents/10162/7d4b0549-413a-4642-ac69-069566c2f624</a>	<a href="https://echa.europa.eu/documents/10162/cbb77a48-22b8-4888-b485-8e85731648d2">https://echa.europa.eu/documents/10162/cbb77a48-22b8-4888-b485-8e85731648d2</a>	<a href="https://echa.europa.eu/documents/10162/cd44c55f-3473-4c73-a356-ce732b2f3d87">https://echa.europa.eu/documents/10162/cd44c55f-3473-4c73-a356-ce732b2f3d87</a>	<a href="https://echa.europa.eu/documents/10162/8dbe3010-814b-d92b-8bb1-353fa4c32f9f">https://echa.europa.eu/documents/10162/8dbe3010-814b-d92b-8bb1-353fa4c32f9f</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks	
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	-	235-759-9	12656-85-8	Carcinogenic (Article 57a), Toxic for reproduction (Article 57c)	13-Jan-2010	<a href="https://echa.europa.eu/documents/10162/9a10159e-0846-488b-8fdb-5162e2bf97f4">https://echa.europa.eu/documents/10162/9a10159e-0846-488b-8fdb-5162e2bf97f4</a>	<a href="https://echa.europa.eu/documents/10162/efa8a662-a744-45f7-a507-14a3dcfc3d15">https://echa.europa.eu/documents/10162/efa8a662-a744-45f7-a507-14a3dcfc3d15</a>	<a href="https://echa.europa.eu/documents/10162/624c2151-d7f2-47d7-ab26-7f4996e81e36">https://echa.europa.eu/documents/10162/624c2151-d7f2-47d7-ab26-7f4996e81e36</a>	<a href="https://echa.europa.eu/documents/10162/d46d12dd-a1a3-e556-549a-e81aac3b5905">https://echa.europa.eu/documents/10162/d46d12dd-a1a3-e556-549a-e81aac3b5905</a>		
Lead chromate		231-846-0	7758-97-6	Carcinogenic (Article 57a), Toxic for reproduction (Article 57c)	13-Jan-2010	<a href="https://echa.europa.eu/documents/10162/1f928dd4-69c2-494d-8d94-08699be302e5">https://echa.europa.eu/documents/10162/1f928dd4-69c2-494d-8d94-08699be302e5</a>	<a href="https://echa.europa.eu/documents/10162/df3d989f-4229-497e-942c-44763337dcf2">https://echa.europa.eu/documents/10162/df3d989f-4229-497e-942c-44763337dcf2</a>	<a href="https://echa.europa.eu/documents/10162/25e3a7a4-41a4-4f72-8d0f-2ab06a6bf51a">https://echa.europa.eu/documents/10162/25e3a7a4-41a4-4f72-8d0f-2ab06a6bf51a</a>			
Diisobutyl phthalate		201-553-2	84-69-5	Toxic for reproduction (Article 57c), Endocrine disrupting properties (Article 57(f) - human health)	13-Jan-2010	<a href="https://echa.europa.eu/documents/10162/8f861ec5-40ca-43d6-be8a-7bc22b96f84f">https://echa.europa.eu/documents/10162/8f861ec5-40ca-43d6-be8a-7bc22b96f84f</a> , <a href="https://echa.europa.eu/documents/10162/a956b752-1a1b-1316-6ed7-a01d09cd52cd">https://echa.europa.eu/documents/10162/a956b752-1a1b-1316-6ed7-a01d09cd52cd</a> , <a href="https://echa.europa.eu/documents/10162/22021d20-ffe6-5b92-8961-4420d5788c06">https://echa.europa.eu/documents/10162/22021d20-ffe6-5b92-8961-4420d5788c06</a>	<a href="https://echa.europa.eu/documents/10162/5f086082-c721-442d-8b7b-a6eb49ffb3ab">https://echa.europa.eu/documents/10162/5f086082-c721-442d-8b7b-a6eb49ffb3ab</a>	<a href="https://echa.europa.eu/documents/10162/96caf4ad-1095-4929-a1b9-84aeea1aff00">https://echa.europa.eu/documents/10162/96caf4ad-1095-4929-a1b9-84aeea1aff00</a> , <a href="https://echa.europa.eu/documents/10162/872ff9cf-52a5-49f4-1e0a-da6ce3e9e074">https://echa.europa.eu/documents/10162/872ff9cf-52a5-49f4-1e0a-da6ce3e9e074</a>	<a href="https://echa.europa.eu/documents/10162/566bf9dd-444f-e07f-877f-cc0f53e596b7">https://echa.europa.eu/documents/10162/566bf9dd-444f-e07f-877f-cc0f53e596b7</a>		
Anthracene oil, anthracene-low	-	292-604-8	90640-82-7	Carcinogenic (Article 57a), Mutagenic (Article 57b), PBT (Article 57d), vPvB (Article 57e)	13-Jan-2010	<a href="https://echa.europa.eu/documents/10162/709cf01f-1445-4606-a0f2-1940a468dab6">https://echa.europa.eu/documents/10162/709cf01f-1445-4606-a0f2-1940a468dab6</a>	<a href="https://echa.europa.eu/documents/10162/ce2619c5-654b-4934-a835-a3e2b00d4e13">https://echa.europa.eu/documents/10162/ce2619c5-654b-4934-a835-a3e2b00d4e13</a>	<a href="https://echa.europa.eu/documents/10162/3e5e6a56-dd4f-4951-b26e-985b7f692624">https://echa.europa.eu/documents/10162/3e5e6a56-dd4f-4951-b26e-985b7f692624</a>	<a href="https://echa.europa.eu/documents/10162/621cceb7-32a6-81b3-a5e6-d31f01cf4ce4">https://echa.europa.eu/documents/10162/621cceb7-32a6-81b3-a5e6-d31f01cf4ce4</a>	Does not meet the criteria for identification as a carcinogen if it contains < 0.005 % (w/w) benzo[a]pyrene (EINECS No 200-028-5) and < 0.1 % w/w benzene (EINECS No 200-753-7). Does not meet the criteria for identification as a mutagen if it contains < 0.1 % w/w benzene (EINECS No 200-753-7).	
Anthracene oil, anthracene paste, distn. lights	-	295-278-5	91995-17-4	Carcinogenic (Article 57a), Mutagenic (Article 57b), PBT (Article 57d), vPvB (Article 57e)	13-Jan-2010	<a href="https://echa.europa.eu/documents/10162/960a181f-7094-4be7-b02f-c49513a0442e">https://echa.europa.eu/documents/10162/960a181f-7094-4be7-b02f-c49513a0442e</a>	<a href="https://echa.europa.eu/documents/10162/2a5afd0a-9ce1-4b37-acc9-942143c01c7a">https://echa.europa.eu/documents/10162/2a5afd0a-9ce1-4b37-acc9-942143c01c7a</a>	<a href="https://echa.europa.eu/documents/10162/f0ff9790-013c-49b3-ae93-ac11d2177bf9">https://echa.europa.eu/documents/10162/f0ff9790-013c-49b3-ae93-ac11d2177bf9</a>	<a href="https://echa.europa.eu/documents/10162/3879120b-4739-bfb8-40dc-ed001dbc2f09">https://echa.europa.eu/documents/10162/3879120b-4739-bfb8-40dc-ed001dbc2f09</a>	Does not meet the criteria for identification as a carcinogen if it contains < 0.005 % (w/w) benzo[a]pyrene (EINECS No 200-028-5) and < 0.1 % w/w benzene (EINECS No 200-753-7). Does not meet the criteria for identification as a mutagen if it contains < 0.1 % w/w benzene (EINECS No 200-753-7).	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Anthracene oil, anthracene paste, anthracene fraction	-	295-275-9	91995-15-2	Carcinogenic (Article 57a), Mutagenic (Article 57b), PBT (Article 57d), vPvB (Article 57e)	13-Jan-2010	<a href="https://echa.europa.eu/documents/10162/b5013ad5-8980-478b-aa32-4859860f9aef">https://echa.europa.eu/documents/10162/b5013ad5-8980-478b-aa32-4859860f9aef</a>	<a href="https://echa.europa.eu/documents/10162/4efcaa35-8b9f-4b19-9f81-9f1fb98533b2">https://echa.europa.eu/documents/10162/4efcaa35-8b9f-4b19-9f81-9f1fb98533b2</a>	<a href="https://echa.europa.eu/documents/10162/8de3cd61-aae1-4864-b694-8928dcdea7fd">https://echa.europa.eu/documents/10162/8de3cd61-aae1-4864-b694-8928dcdea7fd</a>	<a href="https://echa.europa.eu/documents/10162/3c6d1b64-fe59-72a7-699d-1735d3c4ec48">https://echa.europa.eu/documents/10162/3c6d1b64-fe59-72a7-699d-1735d3c4ec48</a>	Does not meet the criteria for identification as a carcinogen if it contains < 0.005 % (w/w) benzo[a]pyrene (EINECS No 200-028-5) and < 0.1 % w/w benzene (EINECS No 200-753-7). Does not meet the criteria for identification as a mutagen if it contains < 0.1 % w/w benzene (EINECS No 200-753-7).
Anthracene oil, anthracene paste	-	292-603-2	90640-81-6	Carcinogenic (Article 57a), Mutagenic (Article 57b), PBT (Article 57d), vPvB (Article 57e)	13-Jan-2010	<a href="https://echa.europa.eu/documents/10162/df5aec8d-d928-4a70-9b0f-90ca5953bc44">https://echa.europa.eu/documents/10162/df5aec8d-d928-4a70-9b0f-90ca5953bc44</a>	<a href="https://echa.europa.eu/documents/10162/ad049eea-4aeb-4741-9574-ae6c4bd02b66">https://echa.europa.eu/documents/10162/ad049eea-4aeb-4741-9574-ae6c4bd02b66</a>	<a href="https://echa.europa.eu/documents/10162/1995aafa-663a-43a0-ae2a-285c842d7f53">https://echa.europa.eu/documents/10162/1995aafa-663a-43a0-ae2a-285c842d7f53</a>	<a href="https://echa.europa.eu/documents/10162/c517a94d-eed3-8371-3308-508060b19c7f">https://echa.europa.eu/documents/10162/c517a94d-eed3-8371-3308-508060b19c7f</a>	Does not meet the criteria for identification as a carcinogen if it contains < 0.005 % (w/w) benzo[a]pyrene (EINECS No 200-028-5) and < 0.1 % w/w benzene (EINECS No 200-753-7). Does not meet the criteria for identification as a mutagen if it contains < 0.1 % w/w benzene (EINECS No 200-753-7).
Anthracene oil	-	292-602-7	90640-80-5	Carcinogenic (Article 57a), PBT (Article 57d), vPvB (Article 57e)	13-Jan-2010	<a href="https://echa.europa.eu/documents/10162/f7cfd7b-2a5a-49aa-9d16-61689ad3a8e3">https://echa.europa.eu/documents/10162/f7cfd7b-2a5a-49aa-9d16-61689ad3a8e3</a>	<a href="https://echa.europa.eu/documents/10162/91cfe38e-ed0d-4c28-b970-bded2289de26">https://echa.europa.eu/documents/10162/91cfe38e-ed0d-4c28-b970-bded2289de26</a>	<a href="https://echa.europa.eu/documents/10162/ef47cc5-0786-4bf5-b16c-2f13c6c49385">https://echa.europa.eu/documents/10162/ef47cc5-0786-4bf5-b16c-2f13c6c49385</a>	<a href="https://echa.europa.eu/documents/10162/70eb45c5-9fec-0871-e281-e1adeace762b">https://echa.europa.eu/documents/10162/70eb45c5-9fec-0871-e281-e1adeace762b</a>	Does not meet the criteria for identification as a carcinogen if it contains < 0.005 % (w/w) benzo[a]pyrene (EINECS No 200-028-5)
2,4-dinitrotoluene		204-450-0	121-14-2	Carcinogenic (Article 57a)	13-Jan-2010	<a href="https://echa.europa.eu/documents/10162/7700e235-3ba5-44d4-9ab9-5ace916ca7b3">https://echa.europa.eu/documents/10162/7700e235-3ba5-44d4-9ab9-5ace916ca7b3</a>	<a href="https://echa.europa.eu/documents/10162/a8b8d40f-1cea-4daf-9f49-af3a2b2d50d9">https://echa.europa.eu/documents/10162/a8b8d40f-1cea-4daf-9f49-af3a2b2d50d9</a>	<a href="https://echa.europa.eu/documents/10162/b5db559d-a89d-4fc4-a273-db250fb4201">https://echa.europa.eu/documents/10162/b5db559d-a89d-4fc4-a273-db250fb4201</a>	<a href="https://echa.europa.eu/documents/10162/2bca3e81-17de-68e1-47ad-f34f0e3dd1de">https://echa.europa.eu/documents/10162/2bca3e81-17de-68e1-47ad-f34f0e3dd1de</a>	
Triethyl arsenate	-	427-700-2	15606-95-8	Carcinogenic (Article 57a)	28-Oct-2008	<a href="https://echa.europa.eu/documents/10162/6d48ec99-f364-44de-92a5-62d505ea3724">https://echa.europa.eu/documents/10162/6d48ec99-f364-44de-92a5-62d505ea3724</a>	<a href="https://echa.europa.eu/documents/10162/e7756763-29b1-4135-8aa6-2b20d8e672a1">https://echa.europa.eu/documents/10162/e7756763-29b1-4135-8aa6-2b20d8e672a1</a>	<a href="https://echa.europa.eu/documents/10162/d3a393bf-e221-4fa1-8d81-082c2ac3cf8f">https://echa.europa.eu/documents/10162/d3a393bf-e221-4fa1-8d81-082c2ac3cf8f</a>		
Sodium dichromate		234-190-3	10588-01-9, 7789-12-0	Carcinogenic (Article 57a), Mutagenic (Article 57b), Toxic for reproduction (Article 57c)	28-Oct-2008	<a href="https://echa.europa.eu/documents/10162/0594aba7-e06e-45bd-807d-3eb9bd74024c">https://echa.europa.eu/documents/10162/0594aba7-e06e-45bd-807d-3eb9bd74024c</a>	<a href="https://echa.europa.eu/documents/10162/03566bd3-3a60-40b1-8a7d-86ea5737a0f6">https://echa.europa.eu/documents/10162/03566bd3-3a60-40b1-8a7d-86ea5737a0f6</a>	<a href="https://echa.europa.eu/documents/10162/52c64496-821b-4a74-bc1a-d9fc2040b651">https://echa.europa.eu/documents/10162/52c64496-821b-4a74-bc1a-d9fc2040b651</a>	<a href="https://echa.europa.eu/documents/10162/23a67aca-ee8c-be65-16b8-cf4b1ea48c67">https://echa.europa.eu/documents/10162/23a67aca-ee8c-be65-16b8-cf4b1ea48c67</a>	
Lead hydrogen arsenate		232-064-2	7784-40-9	Carcinogenic (Article 57a), Toxic for reproduction (Article 57c)	28-Oct-2008	<a href="https://echa.europa.eu/documents/10162/ebdb28e4-ea63-4f11-8b2e-c299ad5ebd07">https://echa.europa.eu/documents/10162/ebdb28e4-ea63-4f11-8b2e-c299ad5ebd07</a>	<a href="https://echa.europa.eu/documents/10162/f1ac3df6-c52a-4870-847b-1d6a74e1b034">https://echa.europa.eu/documents/10162/f1ac3df6-c52a-4870-847b-1d6a74e1b034</a>	<a href="https://echa.europa.eu/documents/10162/ee0a9b5c-6f5e-43d7-8ef5-76b068bb4732">https://echa.europa.eu/documents/10162/ee0a9b5c-6f5e-43d7-8ef5-76b068bb4732</a>	<a href="https://echa.europa.eu/documents/10162/7b55c9ab-6322-4ebe-2deb-6914e6e0ec87">https://echa.europa.eu/documents/10162/7b55c9ab-6322-4ebe-2deb-6914e6e0ec87</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Hexabromocyclododecane (HBCDD)	and all major diastereoisomers identified	-	-	PBT (Article 57d)	28-Oct-2008	<a href="https://echa.europa.eu/documents/10162/471aceac-4e5e-4c53-a4b2-23159a290893">https://echa.europa.eu/documents/10162/471aceac-4e5e-4c53-a4b2-23159a290893</a>	<a href="https://echa.europa.eu/documents/10162/df4ad28a-899d-4e76-8529-eda8bc6591ae">https://echa.europa.eu/documents/10162/df4ad28a-899d-4e76-8529-eda8bc6591ae</a> , <a href="https://echa.europa.eu/documents/10162/938b85d2-d87c-480a-b697-bad2e5eced3d">https://echa.europa.eu/documents/10162/938b85d2-d87c-480a-b697-bad2e5eced3d</a> , <a href="https://echa.europa.eu/documents/10162/0412300e-9170-4eb7-87c4-9bd3bad4ca42">https://echa.europa.eu/documents/10162/0412300e-9170-4eb7-87c4-9bd3bad4ca42</a> , <a href="https://echa.europa.eu/document/s/10162/7b768673-ea38-4822-9712-45b7dca0c2d8">https://echa.europa.eu/document/s/10162/7b768673-ea38-4822-9712-45b7dca0c2d8</a> , <a href="https://echa.europa.eu/documents/10162/63d654f6-5400-449d-81bb-1aa6518d7ca3">https://echa.europa.eu/documents/10162/63d654f6-5400-449d-81bb-1aa6518d7ca3</a>	<a href="https://echa.europa.eu/documents/10162/1fc837ef-f922-476e-8e00-825ab60213c0">https://echa.europa.eu/documents/10162/1fc837ef-f922-476e-8e00-825ab60213c0</a>	<a href="https://echa.europa.eu/documents/10162/e109c7be-6fd0-e12e-4c92-7e12d56fead8">https://echa.europa.eu/documents/10162/e109c7be-6fd0-e12e-4c92-7e12d56fead8</a>	
1,2,5,6,9,10-hexabromocyclododecane		221-695-9	3194-55-6	PBT (Article 57d)	28-Oct-2008	<a href="https://echa.europa.eu/documents/10162/471aceac-4e5e-4c53-a4b2-23159a290893">https://echa.europa.eu/documents/10162/471aceac-4e5e-4c53-a4b2-23159a290893</a>	<a href="https://echa.europa.eu/documents/10162/df4ad28a-899d-4e76-8529-eda8bc6591ae">https://echa.europa.eu/documents/10162/df4ad28a-899d-4e76-8529-eda8bc6591ae</a> , <a href="https://echa.europa.eu/documents/10162/938b85d2-d87c-480a-b697-bad2e5eced3d">https://echa.europa.eu/documents/10162/938b85d2-d87c-480a-b697-bad2e5eced3d</a> , <a href="https://echa.europa.eu/documents/10162/0412300e-9170-4eb7-87c4-9bd3bad4ca42">https://echa.europa.eu/documents/10162/0412300e-9170-4eb7-87c4-9bd3bad4ca42</a> , <a href="https://echa.europa.eu/document/s/10162/7b768673-ea38-4822-9712-45b7dca0c2d8">https://echa.europa.eu/document/s/10162/7b768673-ea38-4822-9712-45b7dca0c2d8</a> , <a href="https://echa.europa.eu/documents/10162/63d654f6-5400-449d-81bb-1aa6518d7ca3">https://echa.europa.eu/documents/10162/63d654f6-5400-449d-81bb-1aa6518d7ca3</a>	<a href="https://echa.europa.eu/documents/10162/1fc837ef-f922-476e-8e00-825ab60213c0">https://echa.europa.eu/documents/10162/1fc837ef-f922-476e-8e00-825ab60213c0</a>	<a href="https://echa.europa.eu/documents/10162/e109c7be-6fd0-e12e-4c92-7e12d56fead8">https://echa.europa.eu/documents/10162/e109c7be-6fd0-e12e-4c92-7e12d56fead8</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Hexabromocyclododecane		247-148-4	25637-99-4	PBT (Article 57d)	28-Oct-2008	<a href="https://echa.europa.eu/documents/10162/471aceac-4e5e-4c53-a4b2-23159a290893">https://echa.europa.eu/documents/10162/471aceac-4e5e-4c53-a4b2-23159a290893</a>	<a href="https://echa.europa.eu/documents/10162/df4ad28a-899d-4e76-8529-eda8bc6591ae,https://echa.europa.eu/documents/10162/938b85d2-d87c-480a-b697-bad2e5eced3d,https://echa.europa.eu/documents/10162/0412300e-9170-4eb7-87c4-9bd3bad4ca42,https://echa.europa.eu/document/s/10162/7b768673-ea38-4822-9712-45b7dca0c2d8,https://echa.europa.eu/documents/10162/63d654f6-5400-449d-81bb-1aa6518d7ca3">https://echa.europa.eu/documents/10162/df4ad28a-899d-4e76-8529-eda8bc6591ae,https://echa.europa.eu/documents/10162/938b85d2-d87c-480a-b697-bad2e5eced3d,https://echa.europa.eu/documents/10162/0412300e-9170-4eb7-87c4-9bd3bad4ca42,https://echa.europa.eu/document/s/10162/7b768673-ea38-4822-9712-45b7dca0c2d8,https://echa.europa.eu/documents/10162/63d654f6-5400-449d-81bb-1aa6518d7ca3</a>	<a href="https://echa.europa.eu/documents/10162/1fc837ef-f922-476e-8e00-825ab60213c0">https://echa.europa.eu/documents/10162/1fc837ef-f922-476e-8e00-825ab60213c0</a>	<a href="https://echa.europa.eu/documents/10162/e109c7be-6fd0-e12e-4c92-7e12d56fead8">https://echa.europa.eu/documents/10162/e109c7be-6fd0-e12e-4c92-7e12d56fead8</a>	
alpha-hexabromocyclododecane		-	134237-50-6	PBT (Article 57d)	28-Oct-2008	<a href="https://echa.europa.eu/documents/10162/471aceac-4e5e-4c53-a4b2-23159a290893">https://echa.europa.eu/documents/10162/471aceac-4e5e-4c53-a4b2-23159a290893</a>	<a href="https://echa.europa.eu/documents/10162/df4ad28a-899d-4e76-8529-eda8bc6591ae,https://echa.europa.eu/documents/10162/938b85d2-d87c-480a-b697-bad2e5eced3d,https://echa.europa.eu/documents/10162/0412300e-9170-4eb7-87c4-9bd3bad4ca42,https://echa.europa.eu/document/s/10162/7b768673-ea38-4822-9712-45b7dca0c2d8,https://echa.europa.eu/documents/10162/63d654f6-5400-449d-81bb-1aa6518d7ca3">https://echa.europa.eu/documents/10162/df4ad28a-899d-4e76-8529-eda8bc6591ae,https://echa.europa.eu/documents/10162/938b85d2-d87c-480a-b697-bad2e5eced3d,https://echa.europa.eu/documents/10162/0412300e-9170-4eb7-87c4-9bd3bad4ca42,https://echa.europa.eu/document/s/10162/7b768673-ea38-4822-9712-45b7dca0c2d8,https://echa.europa.eu/documents/10162/63d654f6-5400-449d-81bb-1aa6518d7ca3</a>	<a href="https://echa.europa.eu/documents/10162/1fc837ef-f922-476e-8e00-825ab60213c0">https://echa.europa.eu/documents/10162/1fc837ef-f922-476e-8e00-825ab60213c0</a>	<a href="https://echa.europa.eu/documents/10162/e109c7be-6fd0-e12e-4c92-7e12d56fead8">https://echa.europa.eu/documents/10162/e109c7be-6fd0-e12e-4c92-7e12d56fead8</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
beta-hexabromocyclo decane		-	134237-51-7	PBT (Article 57d)	28-Oct-2008	<a href="https://echa.europa.eu/documents/10162/471aceac-4e5e-4c53-a4b2-23159a290893">https://echa.europa.eu/documents/10162/471aceac-4e5e-4c53-a4b2-23159a290893</a>	<a href="https://echa.europa.eu/documents/10162/df4ad28a-899d-4e76-8529-eda8bc6591ae">https://echa.europa.eu/documents/10162/df4ad28a-899d-4e76-8529-eda8bc6591ae</a> , <a href="https://echa.europa.eu/documents/10162/938b85d2-d87c-480a-b697-bad2e5eced3d">https://echa.europa.eu/documents/10162/938b85d2-d87c-480a-b697-bad2e5eced3d</a> , <a href="https://echa.europa.eu/documents/10162/0412300e-9170-4eb7-87c4-9bd3bad4ca42">https://echa.europa.eu/documents/10162/0412300e-9170-4eb7-87c4-9bd3bad4ca42</a> , <a href="https://echa.europa.eu/document/s/10162/7b768673-ea38-4822-9712-45b7dca0c2d8">https://echa.europa.eu/document/s/10162/7b768673-ea38-4822-9712-45b7dca0c2d8</a> , <a href="https://echa.europa.eu/documents/10162/63d654f6-5400-449d-81bb-1aa6518d7ca3">https://echa.europa.eu/documents/10162/63d654f6-5400-449d-81bb-1aa6518d7ca3</a>	<a href="https://echa.europa.eu/documents/10162/1fc837ef-f922-476e-8e00-825ab60213c0">https://echa.europa.eu/documents/10162/1fc837ef-f922-476e-8e00-825ab60213c0</a>	<a href="https://echa.europa.eu/documents/10162/e109c7be-6fd0-e12e-4c92-7e12d56fead8">https://echa.europa.eu/documents/10162/e109c7be-6fd0-e12e-4c92-7e12d56fead8</a>	
gamma-hexabromocycl ododecane		-	134237-52-8	PBT (Article 57d)	28-Oct-2008	<a href="https://echa.europa.eu/documents/10162/471aceac-4e5e-4c53-a4b2-23159a290893">https://echa.europa.eu/documents/10162/471aceac-4e5e-4c53-a4b2-23159a290893</a>	<a href="https://echa.europa.eu/documents/10162/df4ad28a-899d-4e76-8529-eda8bc6591ae">https://echa.europa.eu/documents/10162/df4ad28a-899d-4e76-8529-eda8bc6591ae</a> , <a href="https://echa.europa.eu/documents/10162/938b85d2-d87c-480a-b697-bad2e5eced3d">https://echa.europa.eu/documents/10162/938b85d2-d87c-480a-b697-bad2e5eced3d</a> , <a href="https://echa.europa.eu/documents/10162/0412300e-9170-4eb7-87c4-9bd3bad4ca42">https://echa.europa.eu/documents/10162/0412300e-9170-4eb7-87c4-9bd3bad4ca42</a> , <a href="https://echa.europa.eu/document/s/10162/7b768673-ea38-4822-9712-45b7dca0c2d8">https://echa.europa.eu/document/s/10162/7b768673-ea38-4822-9712-45b7dca0c2d8</a> , <a href="https://echa.europa.eu/documents/10162/63d654f6-5400-449d-81bb-1aa6518d7ca3">https://echa.europa.eu/documents/10162/63d654f6-5400-449d-81bb-1aa6518d7ca3</a>	<a href="https://echa.europa.eu/documents/10162/1fc837ef-f922-476e-8e00-825ab60213c0">https://echa.europa.eu/documents/10162/1fc837ef-f922-476e-8e00-825ab60213c0</a>	<a href="https://echa.europa.eu/documents/10162/e109c7be-6fd0-e12e-4c92-7e12d56fead8">https://echa.europa.eu/documents/10162/e109c7be-6fd0-e12e-4c92-7e12d56fead8</a>	
Dibutyl phthalate (DBP)		201-557-4	84-74-2	Toxic for reproduction (Article 57c),Endocrine disrupting properties (Article 57(f) - human health)	28-Oct-2008	<a href="https://echa.europa.eu/documents/10162/d33fd29e-5170-440f-8c16-10ecd87cf472">https://echa.europa.eu/documents/10162/d33fd29e-5170-440f-8c16-10ecd87cf472</a> , <a href="https://echa.europa.eu/documents/10162/2f10864f-e748-0e86-9bc4-2b3964fbdace">https://echa.europa.eu/documents/10162/2f10864f-e748-0e86-9bc4-2b3964fbdace</a> , <a href="https://echa.europa.eu/documents/10162/326a8103-bc47-fb36-0871-22b46ec9d66f">https://echa.europa.eu/documents/10162/326a8103-bc47-fb36-0871-22b46ec9d66f</a>	<a href="https://echa.europa.eu/documents/10162/431cf3aa-7e2f-43d5-ad4c-6b80ad7fbc91">https://echa.europa.eu/documents/10162/431cf3aa-7e2f-43d5-ad4c-6b80ad7fbc91</a>	<a href="https://echa.europa.eu/documents/10162/f36205a8-df0a-4e94-8763-2a6a02f0228c">https://echa.europa.eu/documents/10162/f36205a8-df0a-4e94-8763-2a6a02f0228c</a> , <a href="https://echa.europa.eu/documents/10162/6b0b59e9-8ba8-03de-e8e9-735414f0611d">https://echa.europa.eu/documents/10162/6b0b59e9-8ba8-03de-e8e9-735414f0611d</a>	<a href="https://echa.europa.eu/documents/10162/173eff20-d119-4ed5-258a-1e613480c3ce">https://echa.europa.eu/documents/10162/173eff20-d119-4ed5-258a-1e613480c3ce</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Diarsenic trioxide		215-481-4	1327-53-3	Carcinogenic (Article 57a)	28-Oct-2008	<a href="https://echa.europa.eu/documents/10162/d502da18-827f-408d-aa24-9fe0c7e6ed1b">https://echa.europa.eu/documents/10162/d502da18-827f-408d-aa24-9fe0c7e6ed1b</a>	<a href="https://echa.europa.eu/documents/10162/03f099fc-0057-49d9-a816-24c44d69b5c1">https://echa.europa.eu/documents/10162/03f099fc-0057-49d9-a816-24c44d69b5c1</a>	<a href="https://echa.europa.eu/documents/10162/8730b910-c1d4-4b87-b3e3-a94ce47fbc9b">https://echa.europa.eu/documents/10162/8730b910-c1d4-4b87-b3e3-a94ce47fbc9b</a>	<a href="https://echa.europa.eu/documents/10162/7dc14675-1df3-e89a-e05d-798e5f51749e">https://echa.europa.eu/documents/10162/7dc14675-1df3-e89a-e05d-798e5f51749e</a>	
Diarsenic pentaoxide		215-116-9	1303-28-2	Carcinogenic (Article 57a)	28-Oct-2008	<a href="https://echa.europa.eu/documents/10162/7b11c857-a72d-4a8b-9efb-68d99ead7902">https://echa.europa.eu/documents/10162/7b11c857-a72d-4a8b-9efb-68d99ead7902</a>	<a href="https://echa.europa.eu/documents/10162/76037d34-1e8c-405e-b594-8fe837e6095e">https://echa.europa.eu/documents/10162/76037d34-1e8c-405e-b594-8fe837e6095e</a>	<a href="https://echa.europa.eu/documents/10162/91206b72-787f-4a2d-aa80-9d6f1f22fc55">https://echa.europa.eu/documents/10162/91206b72-787f-4a2d-aa80-9d6f1f22fc55</a>	<a href="https://echa.europa.eu/documents/10162/d1ff5c51-11a5-7aca-a48e-2393f45ce653">https://echa.europa.eu/documents/10162/d1ff5c51-11a5-7aca-a48e-2393f45ce653</a>	
Cobalt dichloride		231-589-4	7646-79-9	Carcinogenic (Article 57a), Toxic for reproduction (Article 57c)	28-Oct-2008	<a href="https://echa.europa.eu/documents/10162/5633d67c-a61b-4bab-b6c5-c4a61cc99e00,https://echa.europa.eu/documents/10162/39173d0d-3258-4f23-ab18-a586bcb39567">https://echa.europa.eu/documents/10162/5633d67c-a61b-4bab-b6c5-c4a61cc99e00,https://echa.europa.eu/documents/10162/39173d0d-3258-4f23-ab18-a586bcb39567</a>	<a href="https://echa.europa.eu/documents/10162/383cf518-9e20-495c-bbcf-8875b9373714">https://echa.europa.eu/documents/10162/383cf518-9e20-495c-bbcf-8875b9373714</a>	<a href="https://echa.europa.eu/documents/10162/7d541979-6f03-421b-91bb-039fb326de1,https://echa.europa.eu/documents/10162/fdbfa509-c244-4537-85eb-07994f393f23">https://echa.europa.eu/documents/10162/7d541979-6f03-421b-91bb-039fb326de1,https://echa.europa.eu/documents/10162/fdbfa509-c244-4537-85eb-07994f393f23</a>	<a href="https://echa.europa.eu/documents/10162/1c469e55-cee2-7841-84f3-2d6abc372ed8">https://echa.europa.eu/documents/10162/1c469e55-cee2-7841-84f3-2d6abc372ed8</a>	
Bis(tributyltin) oxide (TBTO)		200-268-0	56-35-9	PBT (Article 57d)	28-Oct-2008	<a href="https://echa.europa.eu/documents/10162/1b18d017-1056-4c92-aeeb-f190ad674174">https://echa.europa.eu/documents/10162/1b18d017-1056-4c92-aeeb-f190ad674174</a>	<a href="https://echa.europa.eu/documents/10162/e7faa0f6-cb40-4930-8931-537d261e43ff">https://echa.europa.eu/documents/10162/e7faa0f6-cb40-4930-8931-537d261e43ff</a>	<a href="https://echa.europa.eu/documents/10162/52f3fc94-c78f-436f-98ca-e0f845f37a9a">https://echa.europa.eu/documents/10162/52f3fc94-c78f-436f-98ca-e0f845f37a9a</a>	<a href="https://echa.europa.eu/documents/10162/6e66a086-935f-ab28-012c-262f5df9ef3b">https://echa.europa.eu/documents/10162/6e66a086-935f-ab28-012c-262f5df9ef3b</a>	
Bis (2-ethylhexyl)phthalate (DEHP)		204-211-0	117-81-7	Toxic for reproduction (Article 57c), Endocrine disrupting properties (Article 57(f) - environment), Endocrine disrupting properties (Article 57(f) - human health)	28-Oct-2008	<a href="https://echa.europa.eu/documents/10162/c2ecc989-445d-40b9-a054-28671849b092,https://echa.europa.eu/documents/10162/30b654ce-1de3-487a-8696-e05617c3173b,https://echa.europa.eu/documents/10162/3bd02893-b8db-86b9-6db0-6e06dc9aa10e,https://echa.europa.eu/documents/10162/88c20879-606b-03a6-11e4-9edb90e7e615">https://echa.europa.eu/documents/10162/c2ecc989-445d-40b9-a054-28671849b092,https://echa.europa.eu/documents/10162/30b654ce-1de3-487a-8696-e05617c3173b,https://echa.europa.eu/documents/10162/3bd02893-b8db-86b9-6db0-6e06dc9aa10e,https://echa.europa.eu/documents/10162/88c20879-606b-03a6-11e4-9edb90e7e615</a>	<a href="https://echa.europa.eu/documents/10162/331e209a-627f-4533-8690-fd33b74f305d">https://echa.europa.eu/documents/10162/331e209a-627f-4533-8690-fd33b74f305d</a>	<a href="https://echa.europa.eu/documents/10162/9e33725c-05fc-41af-b06d-bb969c91b0ab,https://echa.europa.eu/documents/10162/fa429d23-21e7-4764-b223-6c8c98f8a01c,https://echa.europa.eu/documents/10162/3f5d91bc-0a63-04f8-8f62-ccc9c8265e7d">https://echa.europa.eu/documents/10162/9e33725c-05fc-41af-b06d-bb969c91b0ab,https://echa.europa.eu/documents/10162/fa429d23-21e7-4764-b223-6c8c98f8a01c,https://echa.europa.eu/documents/10162/3f5d91bc-0a63-04f8-8f62-ccc9c8265e7d</a>	<a href="https://echa.europa.eu/documents/10162/9cc2ee2d-89f9-39c8-718e-c961a65d3fb9">https://echa.europa.eu/documents/10162/9cc2ee2d-89f9-39c8-718e-c961a65d3fb9</a>	
Benzyl butyl phthalate (BBP)		201-622-7	85-68-7	Toxic for reproduction (Article 57c), Endocrine disrupting properties (Article 57(f) - human health)	28-Oct-2008	<a href="https://echa.europa.eu/documents/10162/7cad31ee-4818-4166-9212-b39ca33240bb,https://echa.europa.eu/documents/10162/dd4a532e-e277-5b52-9ba2-a94be60b7f17,https://echa.europa.eu/documents/10162/cfb492f3-424f-712c-130b-01c6e2d5074a">https://echa.europa.eu/documents/10162/7cad31ee-4818-4166-9212-b39ca33240bb,https://echa.europa.eu/documents/10162/dd4a532e-e277-5b52-9ba2-a94be60b7f17,https://echa.europa.eu/documents/10162/cfb492f3-424f-712c-130b-01c6e2d5074a</a>	<a href="https://echa.europa.eu/documents/10162/20b09a46-f289-4e35-92d2-9cd039e71ba5">https://echa.europa.eu/documents/10162/20b09a46-f289-4e35-92d2-9cd039e71ba5</a>	<a href="https://echa.europa.eu/documents/10162/b4024445-00ce-4849-9ab0-69aed88c51f2,https://echa.europa.eu/documents/10162/076491e2-fd0e-50be-61b4-908c663d0245">https://echa.europa.eu/documents/10162/b4024445-00ce-4849-9ab0-69aed88c51f2,https://echa.europa.eu/documents/10162/076491e2-fd0e-50be-61b4-908c663d0245</a>	<a href="https://echa.europa.eu/documents/10162/77871a51-ef10-f53b-a903-a1f37266a674">https://echa.europa.eu/documents/10162/77871a51-ef10-f53b-a903-a1f37266a674</a>	

Substance name	Description	EC No.	CAS No.	Reason for inclusion	Date of inclusion	Decision	IUCLID dataset	Support document	Response to comments	Remarks
Anthracene		204-371-1	120-12-7	PBT (Article 57d)	28-Oct-2008	<a href="https://echa.europa.eu/documents/10162/143cd93d-ee58-40c1-b0f1-3713cbb11535">https://echa.europa.eu/documents/10162/143cd93d-ee58-40c1-b0f1-3713cbb11535</a>	<a href="https://echa.europa.eu/documents/10162/c5f3267f-609d-4ccb-8645-5b7e02d3946c">https://echa.europa.eu/documents/10162/c5f3267f-609d-4ccb-8645-5b7e02d3946c</a>	<a href="https://echa.europa.eu/documents/10162/f7c1321a-6709-40d6-b683-1fb870fb0ac4">https://echa.europa.eu/documents/10162/f7c1321a-6709-40d6-b683-1fb870fb0ac4</a>	<a href="https://echa.europa.eu/documents/10162/79e1b8f9-85e4-63d0-b3b2-51da407473b7">https://echa.europa.eu/documents/10162/79e1b8f9-85e4-63d0-b3b2-51da407473b7</a>	
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)		287-476-5	85535-84-8	PBT (Article 57d),vPvB (Article 57e)	28-Oct-2008	<a href="https://echa.europa.eu/documents/10162/e9713dc8-1855-4dab-9635-72ca8be244ae">https://echa.europa.eu/documents/10162/e9713dc8-1855-4dab-9635-72ca8be244ae</a>	<a href="https://echa.europa.eu/documents/10162/c0c51b06-7e2e-4934-b46f-0ba82015047c">https://echa.europa.eu/documents/10162/c0c51b06-7e2e-4934-b46f-0ba82015047c</a>	<a href="https://echa.europa.eu/documents/10162/2edcfe-db-ec53-4754-8598-e787a8ff7a58">https://echa.europa.eu/documents/10162/2edcfe-db-ec53-4754-8598-e787a8ff7a58</a>	<a href="https://echa.europa.eu/documents/10162/8eada19b-b66d-d5bf-d47c-76e934b88015">https://echa.europa.eu/documents/10162/8eada19b-b66d-d5bf-d47c-76e934b88015</a>	
5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)		201-329-4	81-15-2	vPvB (Article 57e)	28-Oct-2008	<a href="https://echa.europa.eu/documents/10162/e3747ed6-99b4-43d1-92ae-9c837ded241d">https://echa.europa.eu/documents/10162/e3747ed6-99b4-43d1-92ae-9c837ded241d</a>	<a href="https://echa.europa.eu/documents/10162/e8716cf9-db7f-4073-88fa-18dd4480c61f">https://echa.europa.eu/documents/10162/e8716cf9-db7f-4073-88fa-18dd4480c61f</a>	<a href="https://echa.europa.eu/documents/10162/909dd42e-2554-4f59-911a-729a2da1d529">https://echa.europa.eu/documents/10162/909dd42e-2554-4f59-911a-729a2da1d529</a>	<a href="https://echa.europa.eu/documents/10162/c85e5b93-3e53-a492-9e5e-677066967516">https://echa.europa.eu/documents/10162/c85e5b93-3e53-a492-9e5e-677066967516</a>	
4,4'-Diaminodiphenylmethane (MDA)		202-974-4	101-77-9	Carcinogenic (Article 57a)	28-Oct-2008	<a href="https://echa.europa.eu/documents/10162/68f50f10-f55f-40be-9d1b-4fbbfdec7f96">https://echa.europa.eu/documents/10162/68f50f10-f55f-40be-9d1b-4fbbfdec7f96</a>	<a href="https://echa.europa.eu/documents/10162/1c864bd5-399d-49a2-880b-a8ad54d458b5">https://echa.europa.eu/documents/10162/1c864bd5-399d-49a2-880b-a8ad54d458b5</a>	<a href="https://echa.europa.eu/documents/10162/d36424e7-b12d-4dd8-832e-6d7e3e283fc3">https://echa.europa.eu/documents/10162/d36424e7-b12d-4dd8-832e-6d7e3e283fc3</a>	<a href="https://echa.europa.eu/documents/10162/f243739c-1e71-3e19-9fa0-f2f15f861d23">https://echa.europa.eu/documents/10162/f243739c-1e71-3e19-9fa0-f2f15f861d23</a>	