

Newly Added Substances of Very High Concern Chemical (SVHC)

Substance of very high concern (SVHC) is a chemical substance (or part of a group of chemical substances) for which it has been proposed that the use within the European Union be subject to authorisation under the REACH Regulation¹.

Companies may have legal obligations resulting from the inclusion of the substance in the Candidate List. These obligations may apply to the listed substance on its own, in mixtures or in articles. In particular, any supplier of articles containing a Candidate List substance above a concentration of 0.1 % (weight by weight) has communication obligations towards customers down the supply chain and to consumers. In addition, importers and producers of articles containing the substance have six months from the date of its inclusion in the Candidate List (16 July 2019) to notify ECHA. Information on these obligations and related tools are available on ECHA's website.

The first list of SVHCs was published on 28 October 2008 and the list has been updated many times to include new candidates. There have been two major updates recently to the list of SVHCs:

1. Update² (table 1) occurred on **15 January 2019** – with **6** new substances added – resulting in a list of total **197** SVHCs;
2. Update³ (table 2) occurred on **16 July 2019** – with **4** new substances added – extending the SVHCs candidate list to **201** substances.

Substances added to the SVHC List (on 2019-01-15) – Table 1

#	Substance name	EC number	CAS number	Reason for inclusion	Examples of use(s)
1	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	401-720-1	6807-17-6	Toxic for reproduction (Article 57c)	No active registrations under REACH.
2	Benzo[k]fluoranthene	205-916-6	207-08-9	Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e)	Not yet registered under REACH.
3	Fluoranthene	205-912-4	206-44-0	PBT (Article 57d) vPvB (Article 57e)	Not yet registered under REACH.
4	Phenanthrene	201-581-5	85-01-8	vPvB (Article 57e)	Not yet registered under REACH.
5	Pyrene	204-927-3	129-00-0	PBT (Article 57d) vPvB (Article 57e)	Used as a transported intermediate for the manufacture of fine chemicals.
6	1,7,7-trimethyl-3-(phenylmethylene) bicyclo[2.2.1]heptan-2-one	239-139-9	15087-24-8	Endocrine disrupting properties (Article 57(f) - environment)	Not yet registered under REACH.

¹ http://ec.europa.eu/environment/chemicals/reach/reach_en.htm

² <https://www.echa.europa.eu/-/six-new-substances-added-to-the-candidate-list>

³ <https://echa.europa.eu/-/four-new-substances-added-to-the-candidate-list>

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Substances added to the SVHC List (on 2019-07-16) – Table 2

#	Substance name	EC number	CAS number	Reason for inclusion	Examples of use(s)
1	2-methoxyethyl acetate	203-772-9	110-49-6	Toxic for reproduction (Article 57 (c))	Not registered under REACH.
2	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	Endocrine disrupting properties (Article 57(f) – environment)	Primarily used as an antioxidant to stabilise polymers.
3	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 the environment (Article 57(f) - environment) Equivalent level of concern having probable serious effects to human health (Article 57(f) – human health)	Processing aid in the production of fluorinated polymers.
4	4-tert-butylphenol	202-679-0	98-54-4	Endocrine disrupting properties (Article 57(f) – environment)	Used in coating products, polymers, adhesives, sealants and for the synthesis of other substances.

References

<https://echa.europa.eu/svhc-roadmap-to-2020-implementation>

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For more information, please contact our Toys and Children's Products Department.

Hong Kong: hktcd@stc.group

Japan: jpo@stc.group

Vietnam: vnstc@stc.group

Dongguan: dgtcd@stc.group

USA: usstc@stc.group

Shanghai: shctcd@stc.group

Germany: info@pkm.eu.com

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