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ECHA PUBLISHES SVHC CONSULTATION LIST ON MARCH 4 2013

On March 4, 2013, the European Chemical Agency (ECHA) published the Substances of Very High Concern (SVHC) consultation list¹ containing 10 substances². The consultation will last for 45 days and interested parties can provide comments to the agency regarding the identification, further information related to use, exposure, alternatives as well as the risk of the proposed substances until April 18, 2013. On February 6, 2013, the European Commission published the roadmap for the identification of SVHCs³. It is targeted to include not only all currently known SVHCs but aims to identify new potential substances to be included in the candidate list by 2020 without any numerical goal.

European Union (EU) and European Economic Area (EEA) article producers and importers of articles containing SVHC on the candidate list over 0.1% (w/w) are required to:

- communicate the name of the SVHC present in a product and its safe use information to recipients upon supply and consumers upon request within 45 days,
- submit their notification to ECHA if its overall quantity of the SVHC for all articles is more than 1 tonne per year per producer or importer

in accordance with REACH Regulation (EC) no. 1907/2006.

THE POTENTIAL SVHCs

The first SVHC consultation list in 2013 contains 10 substances. Cadmium and cadmium oxide are classified as carcinogen category 1B and equivalent level of concern (EQC), which are the first substances included based on their specific target organ toxicity after repeated exposure (STOT RE). Four substances, 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol, 2-benzotriazol-2-yl-4,6-di-tert-butylphenol, 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol and 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol, are included in the list due to their persistent, bioaccumulative and toxic (PBT) and very persistent and very bioaccumulative (vPvB) properties, they are mainly used as UV stabilizers in plastics, polyurethanes and rubber. Following the inclusion of four perfluorinated chemicals (PFCs) in the SVHC candidate list last year, another two PFCs, ammonium pentadecafluorooctanoate and pentadecafluorooctanoic acid, were proposed to the identification of SVHC this time.



¹ [Proposals to identify Substances of Very High Concern current consultations](#)

² [New public consultation launched on 10 potential SVHCs](#)

³ [Roadmap on Substances of Very High Concern](#)

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Germany's Environment Agency has launched interactive software on Feb 2013 to provide information on PFCs used in everyday life.⁴ Besides UV stabilizers and PFCs, 4-Nonylphenol, branched and linear, ethoxylated has been proposed to the identification of SVHC based on its endocrine disrupting property. The candidate list now contains 138 substances, and it will be expanded to 148 substances if all 10 proposed SVHCs are accepted. The potential uses of the 10 potential SVHCs are summarized in Table 1.

If you would like to learn more about how SGS can support your REACH compliance activities, please contact us: reach@sgs.com or visit www.sgs.com/reach.

TABLE 1. POTENTIAL USES OF 10 POTENTIAL SUBSTANCES OF VERY HIGH CONCERN PUBLISHED BY ECHA ON MAR 4 2013

NO.	SUBSTANCE	CAS NO./ EC NO.	CLASSIFICATION	POTENTIAL USES
1	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1/ 247-384-8	PBT, vPvB	<ul style="list-style-type: none"> Used as UV-stabilizer in plastic and polyurethanes Used in the formulation of coating
2	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3/ 253-037-1	vPvB	<ul style="list-style-type: none"> Used as UV-stabilizer for plastic, polyurethanes and rubber Used in the formulation of coating
3	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1/ 223-383-8	vPvB	<ul style="list-style-type: none"> Used as UV-stabilizer for plastic, polyurethanes and rubber Used in the formulation of coating
4	2-benzotriazol-2-yl-4,6-ditert-butylphenol (UV-320)	3846-71-7/ 223-346-6	PBT, vPvB	<ul style="list-style-type: none"> Used as UV-stabilizer for plastic, polyurethanes and rubber Used in the formulation of coating
5	4-Nonylphenol, branched and linear, ethoxylated	-	EQC	<ul style="list-style-type: none"> Used in the formulation for mining purpose Used in the manufacture of detergent Used in paints, lacquers and varnishes Used in leather and textile processing
6	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1/ 223-320-4	Repr. 1B, PBT	<ul style="list-style-type: none"> Used in the production of fluoropolymers and fluoroelastomers Used as emulsifiers in the production of non-stick
7	Cadmium	7440-43-9/ 231-152-8	Carc. 1B, EQC	<ul style="list-style-type: none"> Used in the production of battery electrodes Used as anti-corrosive coating Used in the production of catalysts, alloys and solar cells Used as pigments Used as stabilizers for plastics and polymers

⁴ [Germany's Environment Agency launched PFCs app](#)

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NO.	SUBSTANCE	CAS NO./ EC NO.	CLASSIFICATION	POTENTIAL USES
8	Cadmium oxide	1306-19-0/ 215-146-2	Carc. 1B, EQC	<ul style="list-style-type: none"> Used in the production of battery electrodes Used in the production of anti-corrosive coating by electroplating Used in production of glasses, alloys and photo-electronics Used in the production of catalysts, pigments and ceramic glazes Used to increase the heat resistance of polymers
9	Dipentyl phthalate (DPP)	131-18-0/ 205-017-9	Repr. 1B	<ul style="list-style-type: none"> Used as plasticizer in PVC
10	Pentadecafluorooctanoic acid (PFOA)	335-67-1/ 206-397-9	Repr. 1B, PBT	<ul style="list-style-type: none"> Used in the production of fluoropolymers and fluoroelastomers Used as emulsifiers in the production of non-stick coating of cookware

FOR ENQUIRIES:

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