

# SAFE GUARDS

SGS CONSUMER TESTING SERVICES

HARDGOODS, TOYS & JUVENILE PRODUCTS, SOFTLINES, ELECTRICAL & ELECTRONICS,  
COSMETICS, PERSONAL CARE & HOUSEHOLD

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## SVHC CANDIDATE LIST EXPANDS TO CONTAIN 144 ENTRIES

On 20 June 2013, the European Chemical Agency (ECHA) updated the Candidate List of Substances of Very High Concern (SVHC) for Authorisation by including 6 more substances.<sup>1</sup> The originally expected 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 were not included this time because their proposed classifications of very persistent and very bioaccumulative (vPvB) and persistent, bioaccumulative and toxic (PBT) are still under consideration. The current list contains 144 substances<sup>2</sup> which will be expanded over time. According to the draft multi-annual work programme 2014 – 2018<sup>3</sup> published in May 2013, ECHA expects to receive 50 proposals per year for identification as SVHC in this 5 year period.

### OBLIGATIONS FOR EU ARTICLE PRODUCERS AND IMPORTERS

Referring to Article 33 of REACH, European Union (EU) and European Economic Area (EEA) manufacturers and importers of articles are required to provide information to allow safe use of the products to the recipients upon supply and to the consumers within 45 days upon request when the concentration of the SVHC in the article exceeds 0.1% (w/w). For articles that contain SVHC in which the concentration is above 0.1% with the quantity over one tonne per year, a notification shall be submitted to ECHA by the manufacturers or the importers under Article 7 of REACH. The notification of SVHCs in article shall be made within 6 months after its inclusion to the List. The notification deadline for the 6 new SVHCs added to the Candidate List on 20 June 2013 is 20 December 2013.

### SVHC CANDIDATES

The SVHC candidate list was updated on 20 June 2013 by including 6 more substances. Following the inclusion of 4-nonylphenol (branched and linear) last year, its ethoxylated compounds were also included this time, due to concerns about its influence on the environment. Cadmium compounds, cadmium and cadmium oxide, are first included in the list and are classified as carcinogen category 1B and

equivalent level of concern (EQC). The perfluorinated chemicals (PFCs) now contain six substances by including two more members, ammonium pentadecafluorooctanoate (APFO) and pentadecafluorooctanoic acid (PFOA).

The potential uses of the six SVHCs are summarized in Table 1.

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<sup>1</sup> [ECHA updates the Candidate List for authorisation with six new substances of very high concern \(SVHCs\)](#)

<sup>2</sup> [Candidate List of SVHC](#)

<sup>3</sup> [Draft multi-annual work programme 2014 – 2018](#)

The logo for SGS, consisting of the letters 'SGS' in a bold, sans-serif font. A vertical line is positioned to the right of the 'S', and a horizontal line is positioned below the 'G' and 'S', forming a partial frame around the text.

NO.	SUBSTANCE	CAS NO./ EC	CLASSIFICATION	POTENTIAL USES
1	4-Nonylphenol, branched and linear, ethoxylated	-	EQC	<ul style="list-style-type: none"> <li>Used in the formulation for mining purpose</li> <li>Used in the manufacture of detergent</li> <li>Used in paints, lacquers and varnishes</li> <li>Used in leather and textile processing</li> </ul>
2	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1/ 223-320-4	Repr. 1B, PBT	<ul style="list-style-type: none"> <li>Used in the production of fluoropolymers and fluoroelastomers</li> <li>Used as emulsifiers in the production of non-stick coating of cookware</li> </ul>
3	Cadmium	7440-43-9/ 231-152-8	Carc. 1B, EQC	<ul style="list-style-type: none"> <li>Used in the production of battery electrodes</li> <li>Used as anti-corrosive coating</li> <li>Used in the production of catalysts, alloys and solar cells</li> <li>Used in pigments</li> <li>Used in stabilizers for plastics and polymers</li> <li>Used in alloy surface treatment</li> </ul>
4	Cadmium oxide	1306-19-0/ 215-146-2	Carc. 1B, EQC	<ul style="list-style-type: none"> <li>Used in the production of battery electrodes</li> <li>Used as anti-corrosive coating</li> <li>Used in production of glasses, alloys and photo-electronics</li> <li>Used in the production of catalysts, pigments and ceramic glazes</li> <li>Used to increase the heat resistance of polymers</li> </ul>
5	Dipentyl phthalate (DPP)	131-18-0/ 205-017-9	Repr. 1B	<ul style="list-style-type: none"> <li>Used as plasticizer in PVC</li> </ul>
6	Pentadecafluorooctanoic acid (PFOA)	335-67-1/ 206-397-9	Repr. 1B, PBT	<ul style="list-style-type: none"> <li>Used in the production of fluoropolymers and fluoroelastomers</li> <li>Used as emulsifiers in the production of non-stick coating of cookware</li> </ul>

## ABBREVIATIONS

Repr. 1B = Toxic for reproduction category 1B; Carc. 1B = Carcinogenicity category 1B;  
EQC = Equivalent level of concern; PBT = Persistent, bioaccumulative and toxic

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

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