

SAFEGUARDS

SGS CONSUMER TESTING SERVICES

HARDLINES, SOFTLINES, ELECTRICAL & ELECTRONICS, AUTO

NO. 055/11 MARCH 2011

REACH ANNEX XVII UPDATES 2 SUBSTANCES CLASSIFIED AS POPs

The listing of pentabromodiphenyl ether (1) and perfluorooctane sulfonic acid and its derivatives (PFOS) under persistent organic pollutants (POPs) resulted in the recent official deletion of these substances under ANNEX XVII of REACH. The restriction of substance (1) was 1000 mg/kg under ANNEX XVII of REACH and is now 10 mg/kg under POPs.

In August 2010, ANNEX I of Persistent Organic Pollutants (POPs) was amended by the inclusion of several substances including but not limited to substance (1) and PFOS¹. Under Regulation (EU) 207/2011 of 2 March 2011, the inclusion of substances (1) and PFOS in POPs resulted in their official deletion from entries 44 and 53 of ANNEX XVII of REACH². Substances under ANNEX I of POPs are prohibited unless under specific exemptions on intermediate use or other specifications. The ANNEX I of POPs under Regulation (EU) 757/2010 contains aldrin,

bromodiphenyl ether (tetra-, penta-, hexa- and hepta-derivatives), chlordane, chlordecone, DDT (1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane), dieldrin, endrin, hexabromobiphenyl, hexachlorobenzene, hexachlorocyclohexanes (including lindane), heptachlor, mirex, pentachlorobenzene, perfluorooctane sulfonic acid and its derivatives (PFOS), polychlorinated biphenyls (PCB) and toxaphene. Regulation (EU) 757/2010 has been in force since August 2010.



¹ [Regulation 757/2010 amending Regulation \(EU\) 850/2004 on persistent Organic Pollutants as regards to Annexes I and III, L 223/29 – L 223/36, Official Journal of the European Union, 25 August 2010,](#)

² [Regulation 207/2011 amending Regulation 1907/2006 of REACH as regards Annex AVII \(diphenylether, pentabromo derivative and PFOS\), L 58/27 – L 58/28, Official Journal of the European Union, 3 March 2011](#)

SGS

Under POPs, the restriction of substance (1) is now 10 mg/kg as constituents of the flame-retarded parts of an article. Highlights of the specifications for bromodiphenyl ethers including pentabromodiphenyl ether (1), and PFOS under ANNEX I of POPs are summarised in Table 1.

SUBSTANCE	SCOPE	SPECIFICATION
Bromodiphenyl ether: Tetra- Penta- Hexa- Hepta-	Substances, preparations, articles or as constituents of the flame-retarded parts of articles	≤ 10 mg/kg
	Articles and preparations produced partially or fully from recycled materials or materials from waste prepared for re-use	< 0.1 %
	Electrical and electronic equipment (Directive 2002/95/EC, Rohs)	As Rohs
	Articles already in use in the Union	Allowed before 25 August 2010
Perfluorooctane Sulfonic acid and its derivatives (PFOS)	Substance or preparation	≤ 10 mg/kg
	Semi-finished products or articles, or parts thereof	< 0.1 %
	Textiles or other coated materials	< 1 µg/m ²
	Articles already in use in the Union	Allowed before 25 August 2010
	Fire-fighting foams placed on market before 27 December 2006	Allowed until 27 June 2011

Table 1

SGS will follow-up and inform about developments on regulations or policies in consumer products as a complimentary service.

Throughout our global network of laboratories, we are able to provide a range of services, including analytical testing and consultancy for brominated flame

retardants and other restricted substances in consumer products for the EU and international markets. Please do not hesitate to contact us for further information.

FOR ENQUIRIES:

Global Competence Support Centre: gpsc@sgs.com
 REACH Global Competences Centre, Tel: +41 (22) 739 91 61 or reach@sgs.com
 HK - HingWo Tsang, Tel: +852 2774 7420 or Hingwo.Tsang@sgs.com

Asia – Hong Kong. Tel: +852 2334 4481 Fax: +852 2144 7001 mktg.hk@sgs.com
 Australasia – Perth. Tel: +61 (0) 3 9790 3418 Fax: +61 (0) 3 9701 0988 au.cts@sgs.com
 Europe – London —UK. Tel: +44(0) 20 8991 3410 Fax: +44 (0) 20 8991 3417 gb.cts.sales@sgs.com
 Africa & Middle East – Turkey. Tel: +90 212 368 40 00 Fax: +90 212 296 47 82 sgs.turkey@sgs.com
 Americas – USA. Tel: +1 973 575 5252 Fax: +1 973 575 7175 uscts.inquiries@sgs.com

www.sgs.com/cts Global Competences Support Centre: gpsc@sgs.com

If you wish to unsubscribe to this technical bulletin, go here: [Unsubscribe](#)

© 2011 SGS SA. All rights reserved. This is a publication of SGS, except for 3rd parties' contents submitted or licensed for use by SGS. SGS neither endorses nor disapproves said 3rd parties contents. This publication is intended to provide technical information and shall not be considered an exhaustive treatment of any subject treated. It is strictly educational and does not replace any legal requirements or applicable regulations. It is not intended to constitute consulting or professional advice. The information contained herein is provided "as is" and SGS does not warrant that it will be error-free or will meet any particular criteria of performance or quality. Do not quote or refer any information herein without SGS's prior written consent.