EU REACH "Candidate List" substances in articles

Duty to communicate information on substances in articles due to Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

REACH Article 33 (1) obliges suppliers of articles to inform the recipient of such articles with sufficient information, available to the supplier, to allow safe use of the articles. This obligation includes, as a minimum, the provision of the names of any "Substance of Very High Concern" (SVHC) listed in the candidate list[1,2] and which is contained in articles in a concentration above 0.1% weight by weight.

In order to fulfil this duty and be able to check if substances from the candidate list[1,2] are contained in articles or their packaging in concentrations above 0.1% weight by weight, Sony requests this information from its suppliers.

In the following table we can provide product group specific information in relation to the candidate list[1,2] substances in Sony products placed on the European market:

<table>
<tr><td></td><td>Currently available information on Substances of Very High Concern (SVHC) identified in the REACH Candidate List[1,2]</td></tr>
<tr><td>Broadcast, Business and Professional Products
e.g. Broadcast & Pro. A / V, Projectors, Public Displays, Video Security, Industrial Cameras, Video Conferencing, Digital Photography, Medical, IT Storage, Manufacturing Solutions</td><td>DEHP, DBP, BBP, Dihexyl phthalate may be contained in cables, rubber parts, small plastic parts.
DHNUP may be contained in optical composite cables for professional video cameras.
EGDME may be contained in the lithium battery[3].
Lead titanium trioxide may be contained in vacuum fluorescent display.</td></tr>
<tr><td>TV and Home Projectors</td><td rowspan="7">DEHP, DBP, BBP, Dihexyl phthalate may be contained in cables, rubber parts, small plastic parts.
EGDME may be contained in the lithium battery[3],
Lead titanium trioxide may be contained in vacuum fluorescent display.</td></tr>
<tr><td>VAIO® Computing</td></tr>
<tr><td>PlayStation®</td></tr>
<tr><td>Digital Imaging
Digital cameras, camcorders, photo frames, printers, e-books</td></tr>
<tr><td>Audio
Home, car, mobile, headphones</td></tr>
<tr><td>Video
Blu-ray Disc, DVD, Home Cinema</td></tr>
<tr><td>Accessories
e.g. Camcorder accessories, Personal audio accessories, DVD writers, PC peripherals</td></tr>
<tr><td>External Drive
2.5" External HD Drive, AIT Drive</td><td>DEHP, DBP, BBP, Dihexyl phthalate may be contained in cables, rubber parts, small plastic parts.</td></tr>
<tr><td>Internal Drive
Separately sold internal bulk DVD/Blu-ray Drive, AIT Drive</td><td rowspan="4">No SVHC identified in the REACH Candidate List[1] exceeding 0.1% weight by weight per article are contained.</td></tr>
<tr><td>Recording Media
Tape, disc (Blu-ray Disc, DVD, CD, MFD)</td></tr>
<tr><td>Memory Device
Memory Stick, SD, USB FD</td></tr>
<tr><td>Print Media</td></tr>
</table>

[1] Meeting the criteria in Article 57 and identified in accordance with Article 59 (1) of Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in a concentration above 0.1% weight by weight - as published 28th October 2008 and amended on 13 January 2010, 30 March 2010, 18 June 2010, 15 December 2010, 20 June 2011, 19 December 2011, 18 June 2012, 19 December 2012, 20 June 2013, 16 December 2013, 16 June 2014, 17 December 2014, 15 June 2015, 17 December 2015, 20 June 2016, 12 January 2017, 7 July 2017, 15 January 2018, 27 June 2018, 15 January 2019, 16 July 2019, 16 January 2020, 25 June 2020, 19 January 2021 and 8 July 2021. See webpage of the European Chemicals Agency (ECHA): http://echa.europa.eu/.

[2] Some components within the product may use application(s) exempted regarding the use of lead, from the Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (recast) (RoHS II Directive).

[3] EGDME is not contained in lithium ion battery or lithium ion polymer battery in concentration above 0.1%.

Batteries	**EGDME** may be contained in the lithium battery[3].
Xperia™ smartphones and tablets	**1,3-Propanesultone** may be contained in the lithium ion polymer battery.

DEHP: Bis(2-ethylhexyl) phthalate, Di(ethylhexyl) phthalate,
CAS No. 117-81-7; EC No. 204-211-0
DBP: Dibutyl phthalate
CAS No. 84-74-2; EC No. 201-557-4
BBP: Benzyl butyl phthalate
CAS No. 85-68-7; EC No. 201-622-7
Dihexyl phthalate:
CAS No. 84-75-3; EC No. 201-559-5
EGDME: 1,2-dimethoxyethane, ethylene glycol dimethyl ether;
CAS No. 110-71-4; EC No. 203-794-9
DHNUP: 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters;
CAS No. 68515-42-4; EC No. 271-084-6
Lead: CAS No. 7439-92-1; EC No 231-100-4
Lead titanium trioxide: CAS No. 12060-00-3; EC No. 235-038-9
1,3-Propanesultone: CAS No. 1120-71-4; EC No. 214-317-9

Aside from our obligations in respect of REACH, Sony as a responsible company also cares about the impact of its operations and products. You can read more about this in our Sustainability report: http://www.sony.net/SonyInfo/csr_report/environment/.
Sony's approach about the use of chemicals in its role as a consumer electronics company is highlighted by "Sony's Management of Chemical Substances in Products". Since 2002 Sony has had this effective substance management system in place to ensure compliance with legal substance restrictions for products. The principle of the system is that Sony's suppliers are audited periodically to confirm whether Sony's Green Partner requirements, including the Sony Standard "SS-00259", are being followed. The Sony Standard SS-00259 for general use can be found at: http://www.sony.net/SonyInfo/procurementinfo/ss00259/index.html. Sony purchases parts and materials only from suppliers who have passed the Green Partner requirements and consequently have been certified as Sony Green Partners.
Further information on Sony's Management of Chemical Substances in Products can be found online at https://www.sony.net/SonyInfo/csr/library/reports/SustainabilityReport2020_E.pdf#page=119 as well as in our Sustainability report.