



# Standards Info Bulletin

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## REACH Candidate List Now Contains 29 SVHCs

After much anticipation, the first update to the REACH Candidate List was officially published on the European Chemicals Agency (ECHA) website on 13 January 2010.

With the exclusion of Acrylamide (EC 201-173-7, CAS 79-06-1), the final List contains only 14 substances instead of the 15 SVHCs confirmed by the ECHA earlier in December. The reason for this is that acrylamide is currently the subject of an interim relief, and its inclusion is suspended until the proceedings concerned have been terminated in the General Court of the European Union (Case T-1/10 R).

### Articles suppliers' obligations

The REACH regulation poses special challenges for suppliers due to the complex supply chain and the numerous ways in which products can be contaminated with SVHCs. The regulation imposes the following obligations on suppliers:

If an SVHC on the Candidate List is present at > 0.1% by weight of the article, the following information must be communicated to the (professional) recipient of the article immediately or within 45 days upon request by a consumer:

- (i) the name of the SVHC as a minimum; and
- (ii) sufficient information, available to the supplier, that allows the safe use of the article.

It is important to note that the communication obligation applies as soon as an SVHC is included on the Candidate List.

From 1 June, 2011, if an SVHC on the Candidate List is present at > 0.1% by weight of the article, and the quantity of the SVHC totals over one tonne per year per (EU) manufacturer/importer, notification to the ECHA is required.

### Further information can be found at the following websites:

- ECHA's press release on the official Candidate List: [http://echa.europa.eu/doc/press/pr\\_10\\_01\\_candidate\\_list\\_20100113.pdf](http://echa.europa.eu/doc/press/pr_10_01_candidate_list_20100113.pdf)
- Suggested general applications of the 14 SVHCs (Standards Info Bulletin No. 04/2009): [http://www.tuv-sud.cn/tl\\_files/upload/pdf/Standard%20info%20bulletin/0910\\_GC\\_N\\_standards%20info%20bulletin\\_REACH\\_090928\\_EN.pdf](http://www.tuv-sud.cn/tl_files/upload/pdf/Standard%20info%20bulletin/0910_GC_N_standards%20info%20bulletin_REACH_090928_EN.pdf)
- Suggested applications of the 14 SVHCs in softlines products (Softlines E-ssentials Jan 2010): <http://www.tuv-sud.sg/registration/>.

### How can TÜV SÜD support you?

TÜV SÜD can provide companies with cost-effective and comprehensive strategy for REACH compliance. Equipped with strong expertise and a global network of laboratories, TÜV SÜD offers a wide range of REACH solutions tailored to specific business needs.

Table A: The 29 SVHCs officially published by the ECHA on 28 October 2008 (items 1-15) and 13 January 2010 (items 16-29).

Item	Substance Name	CAS	EC number	Classification
1	4,4'-Diaminodiphenylmethane 4,4'-二氨基二苯甲烷	101-77-9	202-974-4	Carcinogenic
2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) 二甲苯麝香	81-15-2	201-329-4	vPvB
3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) 短链氯化石蜡 (C10-13)	85535-84-8	287-476-5	PBT; vPvB
4	Anthracene 蒽	120-12-7	204-371-1	PBT
5	Benzyl butyl phthalate (BBP) 邻苯二甲酸丁苄酯	85-68-7	201-622-7	Toxic for reproduction
6	Bis (2-ethylhexyl)phthalate (DEHP) 邻苯二甲酸双(2-乙基己酯)	117-81-7	204-211-0	Toxic for reproduction
7	Bis(tributyltin)oxide (TBTO) 氧化双三丁基锡	56-35-9	200-268-0	PBT
8	Cobalt dichloride 氯化钴	7646-79-9	231-589-4	Carcinogenic
9	Diarsenic pentaoxide 五氧化二砷	1303-28-2	215-116-9	Carcinogenic
10	Diarsenic trioxide 三氧化二砷	1327-53-3	215-481-4	Carcinogenic
11	Dibutyl phthalate (DBP) 邻苯二甲酸二丁基酯	84-74-2	201-557-4	Toxic for reproduction
12	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified ( $\alpha$ -HBCDD, $\beta$ -HBCDD, $\gamma$ -HBCDD) 六溴环十二烷	25637-99-4 3194-55-6 (134237-50-6, 134237-51-7, 134237-52-8)	247-148-4 221-695-9	PBT
13	Lead hydrogen arsenate 砷酸氢铅	7784-40-9	232-064-2	Carcinogenic; Toxic for reproduction
14	Sodium dichromate 重铬酸钠二水合物	7789-12-0 10588-01-9	234-190-3	Carcinogenic; Mutagenic; Toxic for reproduction
15	Triethyl arsenate 三乙基砷酸酯	15606-95-8	427-700-2	Carcinogenic
16	Anthracene oil 蒽油	90640-80-5	292-602-7	Carcinogenic(1); PBT; vPvB
17	Anthracene oil, anthracene paste 蒽油, 蒽糊	90640-81-6	292-603-2	Carcinogenic(2); Mutagenic(3); PBT; vPvB
18	Anthracene oil, anthracene paste, anthracene fraction 蒽油, 蒽糊, 蒽馏分	91995-15-2	295-275-9	Carcinogenic(2); Mutagenic(3); PBT; vPvB
19	Anthracene oil, anthracene paste, distn. Lights 蒽油, 蒽糊, 轻油	91995-17-4	295-278-5	Carcinogenic(2); Mutagenic(3); PBT; vPvB
20	Anthracene oil, anthracene-low 蒽油, 含蒽量少	90640-82-7	292-604-8	Carcinogenic(2); Mutagenic(3); PBT; vPvB
21	Pitch, coal tar, high temp. (CTPHT) 煤沥青, 高温	65996-93-2	266-028-2	Carcinogenic; PBT; vPvB
22	Aluminosilicate Refractory Ceramic Fibers 硅酸铝耐火陶瓷纤维  <i>Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.2 of Regulation (EC) No 1272/2008, and fulfil the two following conditions:</i>  <i>a) Al<sub>2</sub>O<sub>3</sub> and SiO<sub>2</sub> are present within the following concentration ranges:</i> <ul style="list-style-type: none"> <li>• Al<sub>2</sub>O<sub>3</sub>: 43.5 – 47 % w/w, and</li> <li>• SiO<sub>2</sub>: 49.5 – 53.5 % w/w, or</li> <li>• Al<sub>2</sub>O<sub>3</sub>: 45.5 – 50.5 % w/w, and</li> <li>• SiO<sub>2</sub>: 48.5 – 54 % w/w,</li> </ul> <i>b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometers (<math>\mu</math>m).</i>	-	-	Carcinogenic

23	Zirconia Aluminosilicate, Refractory Ceramic Fibers 锆硅酸铝耐火陶瓷纤维  <i>Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.2 of Regulation (EC) No 1272/2008, and fulfil the two following conditions:</i>  a) Al <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> and ZrO <sub>2</sub> are present within the following concentration ranges: • Al <sub>2</sub> O <sub>3</sub> : 35 – 36 % w/w, and • SiO <sub>2</sub> : 47.5 – 50 % w/w, and • ZrO <sub>2</sub> : 15 – 17 % w/w,  b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometers (µm).	-	-	Carcinogenic
24	2,4-Dinitrotoluene (DNT) 2,4-二硝基甲苯	121-14-2	204-450-0	Carcinogenic
25	Diisobutyl phthalate (DIBP) 邻苯二甲酸二异丁酯	84-69-5	201-553-2	Toxic for reproduction
26	Lead chromate 铬酸铅 (铬黄)	7758-97-6	231-846-0	Carcinogenic; Toxic for reproduction
27	Lead chromate molybdate sulfate red (C.I. Pigment Red 104) 钼铬红 (C.I. 颜料红 104)	12656-85-8	235-759-9	Carcinogenic; Toxic for reproduction
28	Lead sulfochromate yellow (C.I. Pigment Yellow 34) 铬酸铅 (C.I. 颜料黄 34)	1344-37-2	215-693-7	Carcinogenic; Toxic for reproduction
29	Tris (2-chloroethyl) phosphate (TCEP) 三(2-氯乙基)磷酸酯	115-96-8	204-118-5	Toxic for reproduction

<sup>(1)</sup> The substance does not meet the criteria for identification as a carcinogen in situations where it contains less than 0.005 % (w/w) benzo[a]pyrene (EINECS No 200-028-5).

<sup>(2)</sup> The substance does not meet the criteria for identification as a carcinogen in situations where it contains less than 0.005 % (w/w) benzo[a]pyrene (EINECS No 200-028-5) and less than 0.1 % w/w benzene (EINECS No 200-753-7).

<sup>(3)</sup> The substance does not meet the criteria for identification as a mutagen in situations where it contains less than 0.1 % w/w benzene (EINECS No 200-753-7).

Table B: The SVHC suspended from inclusion in the Candidate List until further notice.

Item	Substance Name	CAS	EC number	Classification
1	Acrylamide 丙烯酰胺	79-06-1	201-173-7	Carcinogenic; Mutagenic

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