

REACH DECLARATION

Substances of Very High Concern (SVHC) according to REACH Article 57
Date: 27-01-2011

The identification of a substance as Substances of Very High Concern (SVHC) and its inclusion in the Candidate List is the first step of the authorisation procedure. ECHA will update the list when more substances are identified as SVHC and then publish the list on the ECHA website. Companies manufacturing or importing these substances need to check their potential obligations that result from the listing.

IMPACT OF THE LISTING.

Companies may have **legal obligations** resulting from the inclusion of the substances in the Candidate List from the date of inclusion. These obligations are linked to the listed substances on their own, in preparations and in articles.

The candidate list ([update 15/12/2010](#))

Substance name	CAS number	EC number	Reason for proposal
Antracene	120-12-7	204-371-1	Persistent, bioaccumulative and toxic for aquatic organisms
Anthracene oil	90640-80-5	292-602-7	Persistent, bioaccumulative and toxic; Very persistent and very bioaccumulative; Carcinogen, cat. 2 ¹⁾
Anthracene oil, anthracene paste, distn.lights	91995-15-2	295-275-9	Persistent, bioaccumulative and toxic; Very persistent and very bioaccumulative; Carcinogen, cat. 2 ²⁾ ; Mutagen, category 2 ³⁾
Anthracene oil, anthracene paste, anthracene fraction	91995-17-4	295-275-9	Persistent, bioaccumulative and toxic; Very persistent and very bioaccumulative; Carcinogen, cat. 2 ²⁾ ; Mutagen, category 2 ³⁾
Anthracene oil, anthracene-low	90640-82-7	292-604-8	Persistent, bioaccumulative and toxic; Very persistent and very bioaccumulative; Carcinogen, cat. 2 ²⁾ ; Mutagen, category 2 ³⁾
Anthracene oil, anthracene paste	90640-81-6	292-603-2	Persistent, bioaccumulative and toxic; Very persistent and very bioaccumulative; Carcinogen, cat. 2 ²⁾ ; Mutagen, category 2 ³⁾
Pitch, coal tar, high temp.	1327-53-3	266-028-2	Persistent, bioaccumulative and toxic; Very persistent and very bioaccumulative; Carcinogen, cat. 2

Aluminosilicate Refractory Ceramic Fibres <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> a) Al_2O_3 and SiO_2 are present within the following concentration ranges: <ul style="list-style-type: none"> • Al_2O_3: 43.5- 47 % w/w and SiO_2 49.5 – 53.5 % w/w or <ul style="list-style-type: none"> • Al_2O_3: 45.5- 50.5 % w/w and SiO_2 48.5 – 54 % w/w b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (μm).	-	-	Carcinogen, cat. 2
Zirconia Aluminosilicate Refractory Ceramic Fibres <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_2O_3 and SiO_2 and ZrO_2 are present within the following concentration ranges: <ul style="list-style-type: none"> • Al_2O_3: 35- 36 % w/w and • SiO_2 47.5 – 50 % w/w and • ZrO_2 15 – 17 % w/w b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (μm).			Carcinogen, cat. 2
2,4-Dinitrotoluene	121-14-2	204-450-2	Carcinogen, cat. 2
Diisobutyl phtalate	84-69-5	201-553-2	Toxic for reproduction, category 2
Lead chromate	7758-97-6	231-864-0	Carcinogen, cat. 2, and toxic for reproduction category 1.
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	12656-85-8	235-759-9	Carcinogen, cat. 2, Toxic for reproduction, category 1.
Lead hydrogen arsenate	7784-40-9	232-64-2	Carcinogen, cat. 1 and toxic for reproduction, cat. 1.
Lead sulfochromate yellow (C.I. Pigment Red 34)	1344-379-2	215-693-7	Carcinogen, cat. 2 Toxic for reproduction, cat. 1
Tris(2-chloroethyl)phosphate	115-96-8	204-118-8	Toxic for reproduction, cat. 2
Sodium dichromate	7789-12-0 10588-01-9	234-190-3	Carcinogen and mutagenic, cat. 2 and toxic for reproduction, cat. 2
Triethyl arsenate	15606-95-8	427-700-2	Carcinogenic, cat 1
Benzyl butyl phtalate (BBP)	85-68-7	201-622-7	Toxic for reproduction,

			cat 2
Bis (2-ethylhexyl) phtalate (DEHP)	117-81-7	204-211-0	Toxic for reproduction, cat 2
Bis(tributyltin)oxide (TBTO)	56-35-9	200-268-0	Persistent, bioaccumulative and toxic
Cobalt dichloride	7646-79-9	231-589-4	Carcinogenic, cat. 2
Diarsenic pentaoxide	1303-28-2	215-116-9	Carcinogenic, cat. 1
Boric acid	10043-35-3 11113-50-1	233-139-2 231-589-4	Toxic for reproduction, cat 2
Hexabromocyclododecane (HBCDD) And all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta- hexabromocyclododecane Gamma- hexabromocyclododecane	25637-99-4	247-148-4 and 221-695-9	Persistent, bioaccumulative and toxic
Diarsenic trioxide	1327-53-3	215-481-4	Carcinogenic, cat. 1
Dibutyl phtalate (DBP)	84-74-2	201-557-4	Toxic for reproduction, cat 2
Disodium tetraborate, anhydrous	1303-96-4 1330-43-4 12179-04-3	215-540-4	Toxic for reproduction, cat 2
Potassium chromate	7789-00-6	232-140-5	Carcinogen and mutagenic, cat. 2
Potassium dichromate	7778-50-9	231-906-6	Carcinogen and mutagenic, cat. 2 and toxic for reproduction, cat. 2
Sodium chromate	7775-11-3	231-889-5	Carcinogen and mutagenic, cat. 2 and toxic for reproduction, cat. 2
4,4'-Diamonidiphenylmethane (DMA)	101-77-9	202-9874-4	Carcinogenic, cat. 2
5-tert-butyl-2,4,6-nitro-m-xylene (musk-xylene)	81-15-2	201-329-4	Very persistent and very bioaccumulative;
Acrylamide	79-06-1	201-173-7	Carcinogen and mutagenic, cat. 2
Alkanes, C10-13, chloro (Short chain Chlorinated Paraffins)	85535-84-8	287-476-5	Persistent, bioaccumulative and toxic; Very persistent and very bioaccumulative.
Ammonium dichromate	7789-09-5	232-143-1	Carcinogen and mutagenic, cat. 2 and toxic for reproduction, cat. 2
Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	Toxic for reproduction, cat. 2
Trichloroethylene	79-01-6	201-167-4	Carcinogenic, cat. 2
Cobalt di(acetate)	71-48-7	200-755-8	Carcinogenic, cat. 2 and reproduction, cat. 2
Cobalt(II) sulphate	10124-43-3	233-334-2	Carcinogenic, cat. 2 and mutagenic, cat. 2
Cobalt (II) dinitrate	10141-05-6	23-402-1	Carcinogenic, cat. 2 and reproduction, cat. 2
Cobalt (II) carbonate	513-79-1	208-169-4	Carcinogenic, cat. 2 and reproduction, cat. 2
Chromium trioxide	1333-82-0	215-607-8	Carcinogenic, cat. 1 and mutagenic, cat. 2
2-Methoxyethanol	109-86-4	203-713-7	Reproduction, cat. 2
2-Ethoxyethanol	110-80-5	203-804-1	Reproduction, cat. 2

Acids generated from chromium trioxide and their oligomers			Carcinogenic, cat. 2
Chromic acid	7738-94-5	231-801-5	
Dichromic acid	13530-68-2	236-881-5	
Oligomers of chromic acid and dichromic acid			

¹⁾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)pyren (EINICS No 200-028-5).

²⁾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)pyren (EINICS No 200-028-5) and less than 0.1 % w/w benzene (EINICS No 200-735-7)

³⁾The substance does not meet the criteria for identification as a mutagen in situations where it contains less than 0.1 % w/w benzene (EINICS No 200-735-7)

1. Thetford has checked the presence of the identified Substances of Very High Concern (SVHC) according REACH artikel 57 in the substances, preparations and articles used.
2. Thetford can conclude that:
 - none of the identified Substances of Very High Concern (SVHC) as mentioned in the 'Candidate List' is present in the preparations (chemical products) manufactured;
 - some of the identified Substances of Very High Concern (SVHC) as mentioned in the 'Candidate List' can/may be present in the articles produced. The quantities however don't exceed the limits as set in article 56 and do not require any further action for authorization.
3. Thetford will follow all further publications regarding this subject and inform customers through the website and other means of communication.
4. In case of further questions, our contact person for REACH is:

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