



Candidate List of Substances of Very High Concern for authorisation

The identification of a substance as Substance of Very High Concern and its inclusion in the Candidate List is the first step of the [authorisation procedure](#). Companies may have [immediate legal obligations](#) following such inclusion which are linked to the listed substance on its own, in preparations and articles.

Further documentation or more detailed information on the identification process of substances of very high concern can be found on the [web pages of ECHA's Member State Committee](#).

You can download this Candidate List as XML or CSV file from the below links.

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Substance name	EC No.	CAS No.	Substance composition	Date of inclusion	Reason for inclusion	Supporting documentation
			Impurities (where relevant for C&L, PBT/vPvB)			
4,4'-Diaminodiphenylmethane (MDA)	202 101-77-9 - 974 -4	101-77-9	-	28.10.2008	Carcinogenic (article 57a)	 (support doc.)
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201 81-15-2 - 329 -4	81-15-2	-	28.10.2008	vPvB (article 57e)	 (support doc.)
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287 85535- - 84-8 476 -5	85535-84-8	-	28.10.2008	PBT and vPvB (articles 57 d and 57 e)	 (support doc.)
Anthracene	204 120-12-7 - 371 -1	120-12-7	-	28.10.2008	PBT (article 57d)	 (support doc.)
Benzyl butyl phthalate (BBP)	201 85-68-7 - 622 -7	85-68-7	-	28.10.2008	Toxic for reproduction (article 57c)	 (support doc.)
Bis (2-ethylhexyl)phthalate (DEHP)	204 117-81-7 - 211 -0	117-81-7	-	28.10.2008	Toxic for reproduction (article 57c)	 (support doc.)
Bis(tributyltin)oxide (TBTO)	200 56-35-9 -	56-35-9	-	28.10.2008	PBT (article 57d)	 (support doc.)

	268 -0					
Cobalt dichloride	231 7646-79- - 9 589 -4	-	28.10.2008	Carcinogenic (article 57a)	 (support doc.)	
Diarsenic pentaoxide	215 1303-28- - 2 116 -9	-	28.10.2008	Carcinogenic (article 57a)	 (support doc.)	
Diarsenic trioxide	215 1327-53- - 3 481 -4	-	28.10.2008	Carcinogenic (article 57a)	 (support doc.)	
Dibutyl phthalate (DBP)	201 84-74-2 - 557 -4	-	28.10.2008	Toxic for reproduction (article 57c)	 (support doc.)	
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified:	247 25637- - 99-4 148 3194-55- -4 6 and (134237- 221 50-6)	-	28.10.2008	PBT (article 57d)	 (support doc.)	
Alpha- hexabromocyclododecane	- (134237- 695 51-7)					
Beta- hexabromocyclododecane	-9 (134237- 52-8)					
Gamma- hexabromocyclododecane						
Lead hydrogen arsenate	232 7784-40- - 9 064 -2	-	28.10.2008	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	 (support doc.)	
Sodium dichromate	234 7789-12- - 0/ 10588 190 -01-9 -3	-	28.10.2008	Carcinogenic, mutagenic and toxic for reproduction (articles 57a, 57b and 57c)	 (support doc.)	
Triethyl arsenate	427 15606- - 95-8 700 -2	-	28.10.2008	Carcinogenic (article 57a)	 (annex XV rep.)	
2,4-Dinitrotoluene	204 121-14-2 - 450 -0	-	13.01.2010	Carcinogenic (article 57a)	 (support doc.)	
Aluminosilicate Refractory Ceramic Fibres <i>are fibres covered by index number 650-017-00- 8 in Annex VI, part 3, table 3.2 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the two following conditions: a) Al₂O₃ and SiO₂ are present within the following concentration ranges:</i>	- Extracted from Index no.: 650- 017-00-8	-	13.01.2010	Carcinogenic (article 57a)	 (support doc.)	
• Al₂O₃: 43.5 – 47 % w/w, and SiO₂: 49.5 – 53.5 % w/w,						

or

- 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).

Anthracene oil	292 90640- - 80-5 602 -7	-	13.01.2010	Carcinogenic ¹ , PBT and vPvB (articles 57a, 57d and 57e)	 (support doc.)
Anthracene oil, anthracene-low	292 90640- - 82-7 604 -8	-	13.01.2010	Carcinogenic ² , mutagenic ³ , PBT and vPvB (articles 57a, 57b, 57d and 57e)	 (support doc.)
Anthracene oil, anthracene paste	292 90640- - 81-6 603 -2	-	13.01.2010	Carcinogenic ² , mutagenic ³ , PBT and vPvB (articles 57a, 57b, 57d and 57e)	 (support doc.)
Anthracene oil, anthracene paste, anthracene fraction	295 91995- - 15-2 275 -9	-	13.01.2010	Carcinogenic ² , mutagenic ³ , PBT and vPvB (articles 57a, 57b, 57d and 57e)	 (support doc.)
Anthracene oil, anthracene paste,distn. lights	295 91995- - 17-4 278 -5	-	13.01.2010	Carcinogenic ² , mutagenic ³ , PBT and vPvB (articles 57a, 57b, 57d and 57e)	 (support doc.)
Diisobutyl phthalate	201 84-69-5 - 553 -2	-	13.01.2010	Toxic for reproduction (article 57c)	 (support doc.)
Lead chromate	231 7758-97- - 6 846 -0	-	13.01.2010	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	 (support doc.)
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235 12656- - 85-8 759 -9	-	13.01.2010	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	 (support doc.)
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215 1344-37- - 2 693 -7	-	13.01.2010	Carcinogenic and toxic for reproduction (articles 57 a and 57 c))	 (support doc.)
Pitch, coal tar, high temp.	266 - - 028 -2	-	13.01.2010	Carcinogenic, PBT and vPvB (articles 57a, 57d and 57e)	 (support doc.)
Tris(2-chloroethyl) phosphate	204 115-96-8 - 118 -5	-	13.01.2010	Toxic for reproduction (article 57c)	 (support doc.)
Zirconia Aluminosilicate Refractory Ceramic Fibres <i>are fibres covered by</i>	- Extracted from Index no.	-	13.01.2010	Carcinogenic (article 57a)	 (support doc.)

index number 650-017-00-8 in Annex VI, part 3, table 3.2 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the two following conditions:
a) Al_2O_3 , SiO_2 and ZrO_2 are present within the following concentration ranges:

- 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).

Acrylamide	201 79-06-1 - 173 -7	-	30.03.2010	Carcinogenic and mutagenic (articles 57 a and 57 b)	 (support doc.)
Trichloroethylene	201 79-01-6 - 167 -4	-	18.06.2010	Carcinogenic (article 57 a)	 (support doc.)
Boric acid	233 10043- - 35-3 / 139 11113- -2 / 50-1 234 - 343 -4	-	18.06.2010	Toxic for reproduction (article 57 c)	 (support doc.)
Disodium tetraborate, anhydrous	215 1303-96- - 4/ 1330- 540 43-4/ -4 12179- 04-3	-	18.06.2010	Toxic for reproduction (article 57 c)	 (support doc.)
Tetraboron disodium heptaoxide, hydrate	235 12267- - 73-1 541 -3	-	18.06.2010	Toxic for reproduction (article 57 c)	 (support doc.)
Potassium dichromate	231 7778-50- - 9 906 -6	-	18.06.2010	Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b and 57 c)	 (support doc.)
Ammonium dichromate	232 7789-09- - 5 143 -1	-	18.06.2010	Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b and 57 c)	 (support doc.)
Potassium chromate	232 7789-00- - 6 140 -5	-	18.06.2010	Carcinogenic and mutagenic (articles 57 a and 57 b).	 (support doc.)

HOME	Sodium chromate	231	7775-11-3	-	18.06.2010	Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b and 57 c)	 (support doc.)
SIEF		889					
REACH		-5					
DATA SHARING	Cobalt(II) sulphate	233	10124-43-3	-	15.12.2010	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	 (support doc.)
ENFORCEMENT		334					
CONSULTATIONS		-2					
ECHA CHEM	Cobalt(II) dinitrate	233	10141-05-6	-	15.12.2010	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	 (support doc.)
Registry of intentions		402					
Pre-Registered substances		-1					
Registered substances	Cobalt(II) carbonate	208	513-79-1	-	15.12.2010	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	 (support doc.)
Identified substances for registration in 2010		169					
Authorisation		-4					
Candidate List	Cobalt(II) diacetate	200	71-48-7	-	15.12.2010	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	 (support doc.)
Annex XIV Recommendations		-					
Evaluation		755					
Substances of Interest		-8					
Transitional measures	2-Methoxyethanol	203	109-86-4	-	15.12.2010	Toxic for reproduction (article 57c)	 (support doc.)
REACH-IT		-					
CLP	2-Ethoxyethanol	203	110-80-5	-	15.12.2010	Toxic for reproduction (article 57c)	 (support doc.)
GUIDANCE		804					
LEGISLATION		-1					
HELP	Chromium trioxide	215	1333-82-0	-	15.12.2010	Carcinogenic and mutagenic (articles 57 a and 57 b)	 (support doc.)
SMES		607					
NEWS AND EVENTS		-8					
ABOUT ECHA	Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid	231	7738-94-5	-	15.12.2010	Carcinogenic (article 57a)	 (support doc.)
PUBLICATIONS		801					
WORKING WITH US		-5	13530-68-2				
APPEALS		236					
STAKEHOLDERS		-					
		881					
		-5					
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]pyrene (EINECS 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]pyrene (EINECS No 200-028-5) and less than 0,1 % w/w benzene (EINECS No 200-753-7).] 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 (EINECS No 200-753-7).]							

Updated on 15/12/2010

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