

Restricted (grey) list

Chemical substances not to be used within the group

Group	Substance	Risk	CAS No.	Edition	Application of use
Brominated flame retardants	Brominated flame retardants (other than PBB, PBDE)	EN	Several 25637-99-4 79-94-7	1	Plastics Textiles
Hydrochlorofluorocarbons (HCFC)	HCFC (Hydrochlorofluorocarbons) HCFC used as a blowing agent in foam plastics (PUR) or as a solvent is covered by the black list, HCFC used as cooling agent is covered by the grey list.)	OZ	Several 1717-00-6 75-45-6 75-68-3	1	Blowing agent in foam plastics (PUR) Solvent
Hydrochlorofluorocarbons (HCFC)	HCFC (Hydrochlorofluorocarbons) HCFC used as a blowing agent in foam plastics (PUR) or as a solvent is covered by the black list, HCFC used as cooling agent is covered by the grey list.)	OZ	Several 1717-00-6 75-45-6 75-68-3	1	Blowing agent in foam plastics (PUR) Solvent
Metals and metal compounds	Arsenic and arsenic compounds	CA EN NE	Several 7440-38-2	1	Biocides
Metals and metal compounds	Lead and lead compounds Maximum concentration value of 0,1 % by weight in homogeneous materials. Exemption for steel alloy 0,35 %, aluminium alloy 0,4%, copper alloy 4 % and bearing shells and bushes.)	EN NE	Several 7439-92-1 7758-97-6	3	All applications Example: Electronic equipment Paints Pigment
Perfluorocarbons (PFC)	Perfluorocarbons (PFCs; gaseous)	EN	Several 75-73-0 76-16-4	1	All applications
Sulphur hexafluoride	Sulphur hexafluoride	EN OZ	2551-62-4	1	All applications Example: Vehicle applications
	1,2-Dichloroethane	CA	107-06-2	1	
	2-Methoxy-1-propanol	RE	1589-47-5	1	
	Toluene diisocyanate (all isomeric monomers)	AL	Several 584-84-9 91-08-7	1	
	Acrylamide	AL CA MU RE TO	79-06-1	1	
	Beryllium and Beryllium compounds	CA TO	Several 7440-41-7	1	
	Butyl benzyl phthalate (BBP)	EN	85-68-7	1	
	Carbon disulfide (free)		75-15-0	1	
	Chlorocresol (meta-)	AL EN	59-50-7	1	
	Chlorocresol (ortho-)	EN	1570-64-5	1	
	Chloroform	CA RE	67-66-3	1	
	Chloromethyl isothiazolinone (CIT)	AL	26172-55-4	1	
	Chromium, hexavalent (Cr6+) compounds The use of chromium (VI) is restricted in all applications. General concentration limit of 0,1 % by weight in homogeneous materials is to be followed. Exemption for use in anti-corrosion of	AL CA EN	Several 1328-67-2 13530-65-9 7789-06-2	1	

the carbon steel cooling system in absorption refrigerators.)

Coal tar	CA	Several 65996-91-0 8007-45-2	1
Colophony (rosin)	AL	Several 73138-82-6 8050-09-7 8052-10-6	1
Creosote	CA EN	Several 8001-58-9	1
Decabromodiphenyloxide			1
Quaternary ammonium compounds	EN	107-64-2 61789-80-8 68783-78-8	1
Dibutyl phthalate (DBP)	EN	84-74-2	1
Dichlorobenzene	CA EN	106-46-7 25321-22-6 541-73-1 95-50-1	1
Diisononyl phthalate (DINP)		28553-12-0	1
Dimethyl phthalate	TO	131-11-3	1
Diethylphthalate, DOP	RE TO	117-84-0	1
Diphenylamine	EN TO	122-39-4	1
Di(2-ethylhexyl)phthalate (DEHP)	RE TO	117-81-7	1
N,N-Dimethylformamide (free)	RE	68-12-2	1
Ethyleneoxide (Oxirane)	CA RE TO	75-21-8	1
Hexamethylene-1,6-diisocyanate	AL TO	822-06-0	1
Hydrofluoric acid (HF)	TO	7664-39-3	1
Hydrofluorocarbons (HFCs)		several	2
Hydrofluoric acid (HF)	TO	7664-39-3	1
Kathon CG	AL	55965-84-9	1
Limonene	AL EN	Several 138-86-3 5989-27-5 5989-54-8 6876-12-6 7705-14-8	1
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Toluene Max. 5 % allowed.)	NE TO	108-88-3	1
Methyl isothiazolinone (MIT)	AL	2682-20-4	1
Monoethylene glycol ethers/acetates (free)	RE	several	1
n-Hexane Max. 5 % allowed in petroleum naphthas.)	NE	110-54-3	1
N-nitrosamines/N-nitrosamides	CA	Several	1
Naphtha	CA TO	Several	1
Nickel and Nickel compounds According to EU directive 94/27/EG, only applicable to	AL CA	Several 7440-02-0	1

component surface coating exceeding the limit values for nickel release (0,5 micrograms nickel/cm2/week) European Standard EN 1810:1998, EN 1811:1998 and EN 12472:1998.)			
N,N-Dimethylformamide (free)	RE	68-12-2	1
Organotin compounds (Trialkyl and Triaryl)	EN	Several 56-35-9	1
Petroleum distillate	TO	Several	1
Phenol (free)		108-95-2	1
Quaternary ammonium compounds	EN	107-64-2 61789-80-8 68783-78-8	1
Sodium nitrite Nitrite may form carcinogenic N-nitrosamines together with secondary amines. Restrictions only for metalworking fluids and corrosion inhibitors, according to German legislation TRGS 611 and TRGS 615. For corrosion inhibitors, a limit of 1% is applicable.)	CA TO	7632-00-0	1
Thiram (TMTD)	AL EN	137-26-8	1
Toluene Max. 5 % allowed.)	NE TO	108-88-3	1
Toluene diisocyanate (all isomeric monomers)	AL	Several 584-84-9 91-08-7	1
Trichloroethylene (TRI)	CA	79-01-6	1
Trichloromethane		67-66-3	1
Triglycidylisocyanurate, TGIC	TO	2451-62-9	1
Triphenyl phosphate	EN	115-86-6	2
Xylene	RE TO	1330-20-7	1

AL = Allergy, AS = Asthma, CA = Cancer, EN = Environmentally hazardous, MU = Mutagen, NE = Neurotoxic, OZ = Ozone depletion, RE = Reproductive hazards, TO = Toxic