MEN Mikro Elektronik GmbH (MEN) SUBSTANCE LIST, Issue 2.0, 2011-08-29			
Material / Substance Group	**CAS number (examples)**	**Restriction in force**	**Monitored Substances**
Antimony Trioxide, Sb_2O_3	1309-64-4		**For all products:** Expected to be reduced or gradually phased out from MEN applications, subject to the availability of technically, environmentally and economically sound alternatives. Suppliers are strongly advised to investigate suitable alternative solutions.
Arsenic and compounds	7440-38-2 See "Substances in named groups"-sheet for more examples of CAS numbers	**For all products:** Use of wooden packaging material that has been treated with Arsenic wood preservation treatment banned. Arsenic concentration in the preservation chemical shall be ≤0,1% by weight of the chemical. ***Note:*** *This restriction does not apply to the GaAs component manufacturing process.*	**For all products:** Expected to be reduced or gradually phased out from MEN applications, subject to the availability of technically, environmentally and economically sound alternatives. Suppliers are strongly advised to investigate suitable alternative solutions.
Asbestos	1332-21-4 See "Substances in named groups"-sheet for more examples of CAS numbers	**For all products:** Banned in all applications. The concentration of possible impurities from natural raw materials and processes shall be ≤ 0,01% in a substance / material, provided it is not intentionally introduced.	
Benzene	71-43-2	**For all products:** Total concentration of Benzene shall be < 0,1% by weight of homogeneous material.	
Beryllium and compounds (other than BeO)	7440-41-7 See "Substances in named groups"-sheet for more examples of CAS numbers		**For all products:** Expected to be reduced or gradually phased out from MEN applications, subject to the availability of technically, environmentally and economically sound alternatives. Suppliers are strongly advised to investigate suitable alternative solutions.
Beryllium Oxide	1304-56-9	**For all products:** Banned as intentionally introduced in all applications	
Bromine and compounds	PBBs and PBDEs: other brominated flame retardants and all other brominated compounds; HBFC and Halons; See "Substances in named groups"-sheet for more examples of CAS numbers	**For all products:** PBBs and PBDEs banned in all applications. The concentration of PBBs and PBDEs shall be ≤ 0,1% by weight of homogeneous material. HBFC and halons are banned in all applications. No measureable trace amounts are allowed in products.	**For all products:** Brominated flame retardants (other than PBBs and PBDEs) and all other brominated compounds expected to be reduced or gradually phased out in MEN applications, subject to the availability of technically,environmentally and economically sound alternatives. Suppliers are strongly advised to investigate suitable alternative solutions.

Material / Substance Group	CAS number (examples)	Restriction in force	Monitored Substances
Cadmium and compounds	7440-43-9 See "Substances in named groups"-sheet for more examples of CAS numbers	**For all products:** Banned in all applications. The concentration of Cd or its compounds shall be ≤ 0,1% by weight of homogeneous material. ***Note1*** *:Cadmium is banned also in packaging.* ***Note2*** *:Different concentration limit is applied for batteries and accumulators.* *Concentration of Cd shall be ≤0,002% by weight of a battery o accumulator .*	
Carcinogens, mutagens and reproductive toxins	See "Substances in named groups"-sheet for more examples of CAS numbers	**For all products:** Banned in all applications where user may be exposed to the listed chemical during normal use of the product. ***Note*** *:In concentration of azo dyes and pigments containing carcinogenic amino compounds shall be <0,1 % by weight of a chemical and the concentration of listed aromatic amines shall be ≤0,03% by weight of a chemical.*	
Chlorine and compounds	Aliphatic CHCs: short chain chlorinated paraffins; PCBs PCTs; Polychlorinated Naphtalenes; CFCs, HCFCs, Halons; Pentachlorophenol (PCP); Pentachlorophenol sodium salt, other PCP salts and compounds. See "Substances in named groups"-sheet for more examples of CAS numbers	**For all products and internal processes:** Banned in all applications. 1. Aliphatic CHCs and short chained chlorinated paraffins the concentration shall be ≤ 0,1% by weight of a homogeneous material. Tetrachloromethane (CAS 56-23-5) and 1,1,1-trichloroethane (CAS 71-55-6) no measurable trace amounts are allowed in products. 2.PCBs and PCTs concentration as impurities from natural raw materials and processes shall be ≤ 0,005% by weight of a homogeneous material. 3.Polychlorinated Naphthalenes as intentionally introduced. 4.CFCs, HCFCs, halons no measurable trace amounts are allowed in products. 5.Pentachlorophenol (PCP), Pentachlorophenol sodium salt, other PCP salts and compounds the concentration shall be < 0,1% by weight in a part / component.	**For all products:** Expected to be reduced or gradually phased out from MEN applications, subject to the availability of technically, environmentally and economically sound alternatives. Suppliers are strongly advised to investigate suitable alternative solutions.

Material / Substance Group	CAS number (examples)	Restriction in force	Monitored Substances
	Polyvinyl Chlorid (PVC); chlorine based flame retardants and polymers and all other use of chlorine and its compounds. See "Substances in named groups"-sheet for more examples of CAS numbers		**For all products:** Expected to be reduced or gradually phased out from MEN applications, subject to the availability of technically, environmentally and economically sound alternatives. Suppliers are strongly advised to investigate suitable alternative solutions.
Chromium VI (Cr^{6+})	18540-29-9 See "Substances in named groups"-sheet for more examples of CAS numbers	**For all products:** Banned in all applications. The concentration of Cr shall be ≤ 0,1% by weight of a homogeneous material. ***Note:*** *Hexavalent chromium is also banned in packaging.*	
Formaldehyde	50-00-0	**For all products:** Banned in wood and wooden material e.g. packaging. Limit of 0,1ml/m³.	
Isocyanates	71000-82-3 See "Substances in named groups"-sheet for more examples of CAS numbers		**For all products:** Expected to be reduced or gradually phased out from MEN applications, subject to the availability of technically, environmentally and economically sound alternatives. Suppliers are strongly advised to investigate suitable alternative solutions.
Lead and compounds	7439-92-1 See "Substances in named groups"-sheet for more examples of CAS numbers	**For all products:** Lead is banned also in solder of all new products. Banned in all applications. The concentration of Pb and its compounds shall be ≤ 0,1% by weight of homogeneous materials. ***Note:*** *Lead is banned also in packaging*	
Mercury and compounds	7439-97-6 See "Substances in named groups"-sheet for more examples of CAS numbers	**For all products:** Banned in all applications. The concentration of Hg and compounds shall be ≤ 0,1% by weight of homogeneous material. ***Note1:*** *Mercury is banned also in packaging.* ***Note2:*** *Different concentration limit for mercury are applied for batteries and accumulators. Concentration of Hg shall be ≤ 2% by weigt in button cell batteries and ≤0,0005% by weight in other batteries and accumulators*	

Material / Substance Group	CAS number (examples)	Restriction in force	Monitored Substances
Methyl bromide	74-83-9	**For all products:** Banned in all products	
Nonyl Phenols and Nonylphenol Ethoxylates	104-40-5 See "Substances in named groups"-sheet for more examples of CAS numbers	**For all products:** Banned in textile, leather, metal, pulp and paper parts. No measurable trace amounts are allowed in parts made of these materials.	**For all products:** Expected to be reduced or gradually phased out from MEN applications, subject to the availability of technically, environmentally and economically sound alternatives. Suppliers are strongly advised to investigate suitable alternative solutions.
Nickel and compounds	7440-02-0 See "Substances in named groups"-sheet for more examples of CAS numbers		**For all products:** Expected to be reduced or gradually phased out from MEN applications, subject to the availability of technically, environmentally and economically sound alternatives. Suppliers are strongly advised to investigate suitable alternative solutions.
Organic tin compounds (Di- and triorganic tins)	See "Substances in named groups"-sheet for more examples of CAS numbers	**For all products:** Tributyltin (TBT),Tributyltin Oxide (TBTO) and Triphenyl Tin (TPT) compounds are banned as intentionally introduced in all applications. Dibutyltin (DBT) compounds, Dioctyltin (DOT) compounds and triorganic tin compounds are banned in all apllications. The concentration of tin in above mentioned compounds shall be ≤ 0,1% by weight of homogenous material.	
Perfluorooctane sulfonates (PFOSs)	See "Substances in named groups"-sheet for more examples of CAS numbers	**For all products:** Banned in all applications. The concentration of PFOSs shall be < 0,005% by weight of homogeneous material.	
Phthalates	See "Substances in named groups"-sheet for more examples of CAS numbers		**For all products:** Expected to be reduced or gradually phased out from MEN applications, subject to the availability of technically, environmentally and economically sound alternatives. Suppliers are strongly advised to investigate suitable alternative solutions.
Radioactive substances		**For all products:** Banned in all applications.	
	See MEN Declaration		**For all products and processes:**

Material / Substance Group	CAS number (examples)	Restriction in force	Monitored Substances
REACH Substances			Expected to be reduced or gradually phased out from MEN applications, subject to the availability of technically, environmentally and economically sound alternatives. Suppliers are strongly advised to investigate suitable alternative solutions. Suppliers have duty to confirm the obligations, e.g Information duties, in case a substance of very high concern is > 0,1% weight in article.
Sulfur hexafluoride (SF6)	2551-62-4		**For all products:** Expected to be reduced or gradually phased out from MEN applications, subject to the availability of technically, environmentally and economically sound alternatives. Suppliers are strongly advised to investigate suitable alternative solutions.
Tantalum	More information see: www.unglobalcompact.org		**For all products:** The trade of Tantalum and used parts and materials for MEN products must follow lawful and socially and environmentally responsible practices are defined by international organizations (e.g. by UN Global Compact). All tantalum must come from legal sources and mining must not contribute to conflicts.

Groop	Chemical name - examples	CAS No	Additional notes for the substance
Antimony Trioxide	Group includes substances such as:		
	ANTIMONY TRIOXIDE	1309-64-4	
Arsenic and compounds	Group includes substances such as:		
	ARSENIC	7440-38-2	
	ARSENIC ACID DISODIUM SALT, HEPTAHYDRATE	10048-95-0	
	ARSENIC ACID, CALCIUM SALT	7778-44-1	
	ARSENIC ACID, COPPER SALT	10103-61-4	
	ARSENIC ACID, DIAMMONIUM SALT	7784-44-3	
	ARSENIC ACID, LEAD SALT	7784-40-9	
	ARSENIC ACID, MAGNESIUM SALT	10103-50-1	
	ARSENIC PENTOXIDE	1303-28-2	
	ARSENIC TRICHLORIDE	7784-34-1	
	ARSENIC TRIHYDRIDE	7784-42-1	
	ARSENIC TRIOXIDE	1327-53-3	
	ARSENIOUS ACID, COPPER (II) SALT	10290-12-7	
	ARSENIOUS ACID, POTASSIUM SALT	10124-50-2	
Asbestos	Group includes substances such as:		
	ASBESTOS	1332-21-4	
	ACTINOLITE	77536-66-4	
	AMOSITE	12172-73-5	
	ANTHOPHYLLITE	77536-67-5	
	CHRYSOTILE	12001-29-5	
	CROCIDOLITE	12001-28-4	
	TREMOLITE	14567-73-8	
Benzene	Group includes substances such as:		
	BENZENE	71-43-2	
Beryllium and compounds (other than BeO)	Group includes substances such as:		
	BERYLLIUM	7440-41-7	
	BERYLLIUM CARBONATE	66104-24-3	
	BERYLLIUM CHLORIDE	7787-47-5	
	BERYLLIUM COPPER AND OTHER METAL ALLOYS CONTAINING GREATER AMOUNTS OF BERYLLIUM		
	BERYLLIUM FLUORIDE	7787-49-7	
	BERYLLIUM HYDROXIDE	13327-32-7	
	BERYLLIUM NITRATE	13597-99-4	
	BERYLLIUM PHOSPHATE	13598-15-7	

Groop	Chemical name - examples	CAS No	Additional notes for the substance
	BERYLLIUM SULFATE	13510-49-1	
	BERYLLIUM SULPHATE TETRAHYDRATE	7787-56-6	
	BERYLLIUM-ALUMINUM ALLOY	12770-50-2	
Beryllium Oxide	Group includes substances such as:		
	BERYLLIUM OXIDE	1304-56-9	
Bromine and compounds	Group includes substances such as:		
	(1,2-DIBROMOETHYL)-BENZENE	93-52-7	
	1,3-BUTADIENE, HOMOPOLYMER, BROMINATED	68441-46-3	
	1-BROMO-3-FLUOROPROPANE (HBFC)	352-91-0	HBFC
	2,2 ,6,6 -TETRABROMOBISPHENOAL A DIGLYCIDYL ETHER	3072-84-2	
	2,2',4,4',5,5'-HEXABROMOBIPHENYL (PBB)	59080-40-9	PBB
	2,3-DIBROMO-2-BUTENE-1,4-DIOL	3234-02-4	
	2,3-DIBROMOPROPIONIC ACID	600-05-5	
	2-BROMOBIPHENYL (PBB)	2052-07-5	PBB
	3-BROMOBIPHENYL (PBB)	2113-57-7	PBB
	4-BROMOBIPHENYL (PBB)	92-66-0	PBB
	4-BROMODIPHENYL ETHER (PBDE)	101-55-3	PBDE
	4-BROMOPHENOL	106-41-2	
	ALPHA-HEXABROMOCYCLODODECANE	134237-50-6	HBCDD
	BETA-HEXABROMOCYCLODODECANE	134237-51-7	HBCDD
	BROMINATED EPOXY	31942-06-0	
	BROMINATED EPOXY RESIN	135229-48-0	
	BROMINATED EPOXY RESIN	139638-58-7	
	BROMINATED POLYSTYRENE	148993-99-1	
	BROMINATED POLYSTYRENE (BRPS)	57137-10-7	
	BROMINE	24959-67-9	
	BROMINE	7726-95-6	
	BROMINE (I) OXIDE	21308-80-5	
	BROMINE ATOM	10097-32-2	
	BROMINE, COMPD. WITH GRAPHITE	12079-58-2	
	BROMINE-77	15765-39-6	
	BROMOCHLORODIFLUOROMETHANE (HALON 1211)	353-59-3	Halon
	BROMOCHLOROMETHANE (HALON 1011)	74-97-5	Halon
	BROMODICHLOROMETHANE	75-27-4	
	BROMOTRIFLUOROMETHANE (HALON 1301)	75-63-8	Halon
	COPPER PHTHALOCYANINE	14302-13-7	
	DECABROMOBIPHENYL (PBB)	13654-09-6	PBB
	DECABROMODIPHENYL ETHER (PBDE)	1163-19-5	PBDE
	DIBROMO NEOPENTYL GLYCOL (C5H10BR2O2)	3296-90-0	
	DIBROMODIPHENYL ETHER (PBDE)	2050-47-7	PBDE

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	DIBROMOTETRAFLUOROETHANE (HALON 2402)	124-73-2	Halon
	DIGLYCIDYL ETHER OF BROMINATED BISPHENOL A	265-08-7	
	DISODIUM 9-(3 ,4 ,5 ,6 -TETRACHLORO-O-CARBOXYPHENYL)-6-HYDROXY-6-HYDROXY-2,4,5,7-TETRABROMO-	18472-87-2	
	ETHENYLBENZENE, HOMOPOLYMER, BROMINATED	88497-56-7	
	FIREMASTER FF-1	67774-32-7	PBB
	FORMALDEHYDE, POLYMER WITH BROMOPHENOL AND (CHLOROMETHYL)OXIRANE	68541-56-0	
	GAMMA-HEXABROMOCYCLODODECANE	134237-52-8	HBCDD
	HEPTABROMOBIPHENYL	35194-78-6	PBB
	HEPTABROMODIPHENYL ETHER (PBDE)	68928-80-3	PBDE
	HEXABROMOBIPHENYL (PBB)	36355-01-8	PBB
	HEXABROMOCYCLODODECANE (HBCD)	3194-55-6	HBCDD
	HEXABROMOCYCLODODECANE (HBCD)	25637-99-4	HBCDD
	HEXABROMODIPHENYL ETHER (PBDE)	36483-60-0	PBDE
	HYDROBROMIC ACID	10035-10-6	
	MONOMETHYL-DIBROMO-DIPHENYL METHANE	99688-47-8	DBBT
	N,N´ETHYLENE-BISTETRABROMOPHTHALIMIDE (TBPI)	32588-76-4	
	NONABROMOBIPHENYL	27753-52-2	PBB
	NONABROMODIPHENYL ETHER (PBDE)	63936-56-1	PBDE
	OCTABROMOBIPHENYL	61288-13-9	PBB
	OCTABROMODIPHENYL (C12H2BR8)	61288-13-9	
	OCTABROMODIPHENYL ETHER (PBDE)	32536-52-0	PBDE
	P,P'-DIBROMOBIPHENYL (PBB)	92-86-4	PBB
	PENTABROMOBENZENE COMPOUND	84852-53-9	
	Chemical name - examples	CAS No	Additional notes for the substance
	PENTABROMO-BENZYL-ACRYLATE, POLYMER	59447-57-3	
	PENTABROMOBIPHENYL	56307-79-0	PBB
	PENTABROMODIPHENYL ETHER (PBDE)	32534-81-9	PBDE
	POLYBROMINATED BIPHENYL MIXTURE (PBB)	67774-32-7	PBB
	POLYBROMINATED BIPHENYLS (PBB)	59536-65-1	PBB
	POLY-DIBROMO-STYRENE	31780-26-4	
	POTASSIUM BROMIDE	7758-02-3	
	Substances banned as a flame retardant(s), such as:		
	TBBA, BA, EPICHLOROHYDRIN POLYMER	26265-08-7	
	TBBA-EPICHLOROHYDRIN OLIGOMER	40039-93-8	
	TBBS-BIS-(2,3-DIBROMO-PROPYL-ETHER)	42757-55-1	
	TETRABROMOBIPHENYL (PBB)	40088-45-7	PBB
	TETRABROMOBISPHENOL A (TBBP A)	79-94-7	
	TETRABROMOBISPHENOL A -CARBONATE-OLIGOMERS (TBBP A)	94334-64-2	
	TETRABROMOBISPHENOL A, 2,2-BIS(4-(2,3-EPOXYPROPYLOXY)DIBROMOPHENYL)PROPANE POLYMER	68928-70-1	

Groop	Chemical name - examples	CAS No	Additional notes for the substance
	TETRABROMO-BISPHENOL S	39635-79-5	
	TETRABROMOBISPHENOL-A-POLYCARBONATE	156042-31-8	
	TETRABROMODIPHENYL ETHER (PBDE)	40088-47-9	PBDE
	TETRABROMOPHTHALIC ACID ANHYDRIDE (TBPA)	632-79-1	
	TRIBROMOBIPHENYL	59080-34-1	PBB
	TRIBROMODIPHENYL ETHER (PBDE)	49690-94-0	PBDE
	TRIMETHYLLAURYLAMMONIUM BROMIDE	1119-94-4	
	TRIS(2,3-DIBROMOPROPYL) PHOSPHATE	126-72-7	
	VINYL BROMIDE	593-60-2	
Cadmium and compounds	Group includes substances such as:		
	CADMIUM	7440-43-9	
	CADMIUM CHLORIDE	10108-64-2	
	CADMIUM CHROMATE	14312-00-6	
	CADMIUM OXIDE	1306-19-0	
	CADMIUM SULFIDE	1306-23-6	
	CADMIUM SULPHATE	10124-36-4	
Carcinogens, Mutagens & Reproductive Toxins	See reference (7 CMR substances Azocolorants and azodyes which form certain aromatic amines are		
	2,4,5-TRIMETHYLANILINE	137-17-7	
	2,4-DIAMINOANISOLE	615-05-4	
	2,4-DIAMINOTOLUENE	95-80-7	
	2-AMINO-4-NITROTOLUENE	99-55-8	
	2-NAPHTHYLAMINE	91-59-8	
	3,3- DICHLOROBENZIDINE	91-94-1	
	3,3’-DIMETHYL-4,4’-DIAMINODIPHENYLMETHANE	838-88-0	
	3,3'-DIMETHOXYBENZIDINE	119-90-4	
	3,3'-DIMETHYLBENZIDINE (ORTHO-TOLIDINE)	119-93-7	
	4,4’-DIAMINODIPHENYLMETHANE	101-77-9	
	4,4’-OXYDIANILINE	101-80-4	
	4,4’-THIODIANILINE	139-65-1	
	4,4'-METHYLENE BIS(2-CHLOROANILINE)	101-14-4	
	4-CHLORO-O-TOLUIDINE	95-69-2	
	4-AMINODIPHENYL	92-67-1	
	BENZIDINE [AND ITS SALTS]	92-87-5	
	O-AMINOAZOTOLUENE	97-56-3	
	O-ANISIDINE	90-04-0	
	O-TOLUIDINE	95-53-4	
	P-AMINOAZOBENZENE	60-09-3	
	P-CHLOROANILINE	106-47-8	
	P-CRESIDINE	120-71-8	

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Chlorine and compounds	Group includes substances such as:		
	1,1'-BIPHENYL, 2,2',5,6'-TETRACHLORO- (PCB 53)	41464-41-9	PCB
	(S)-2-CHLOROPROPIONIC ACID	29617-66-1	
	1-(3,4-DICHLOROPHENYL)-3,3-DIMETHYLUREA	330-54-1	
	1-(4-CHLORO-O-SULFO-5-TOLYLAZO)-2-NAPHTHOL, BARIUM SALT	5160-02-1	
	1,1,1,2-TETRACHLOROETHANE	630-20-6	Aliphatic CHC
	1,1,1-TRICHLOROETHANE	71-55-6	Aliphatic CHC
	1,1,2,2-TETRACHLOROETHANE	79-34-5	Aliphatic CHC
	1,1,2-TRICHLOROETHANE	79-00-5	Aliphatic CHC
	1,1'-BIPHENYL, 2,2',5-TRICHLORO- (PCB 18)	37680-65-2	PCB
	1,1'-BIPHENYL, 2,4-DICHLORO- (PCB 7)	33284-50-3	PCB
	1,1'-BIPHENYL, CHLORINATED (PCB)	1336-36-3	PCB
	1,1-DICHLOROETHYLENE	75-35-4	Aliphatic CHC
	1,2-DICHLOROTETRAFLUOROETHANE (CFC-114)	76-14-2	CFC
	1,2-DIFLUOROTETRACHLOROETHANE (CFC-112)	76-12-0	CFC
	1,4:7,10-DIMETHANODIBENZO(A,E)CYCLOOCTENE	13560-89-9	
	1,4-BIS((1-(2,5-DICHLOROPHENYLAZO)-2-HYDROXY-3-NAPHTHOYAL)AMINO)BENZENE	3905-19-9	
	1H-BENZIMIDAZOLE, 2-(2-CHLOROPHENYL)-	3574-96-7	
	1H-ISOINDOLE-1,3(2H)-DIONE, 4,5,6,7-TETR	30125-47-4	
	1-PROPENE, HOMOPOLYMER, CHLORINATED	68442-33-1	
	2-(2 -HYDROXY-3 -TERT-BUTYL-5 -METHYLPHENYL)-5-CHLOROBENZOTRIAZOLE	3896-11-5	
	2-(4-CHLOROBENZYL)-BENZIMIDAZOLE	5468-66-6	
	2,2-DIFLUOROTETRACHLOROETHANE (CFC-112a)	76-11-9	CFC
	2-BUTANONE, 3-CHLORO-	4091-39-8	
	2-BUTENAMIDE, 2-((4-CHLORO-2-NITROPHENYL)AZO)-3-HYDROXY-N-(2-METHOXYPHENYL)-	13515-40-7	
	2-BUTENAMIDE, N-(4-CHLORO-2,5-DIMETHOXYPHENYL)-2-((2,5-DIMETHOXY-4-((PHENYLAMINO)SULFONYL)PHENYL)AZO)-3-HYDROXY-	12225-18-2	
	2-CHLORO-6-NITROANISOLE	80866-77-9	
	2-NAPHTALENECARBOXAMIDE, 3-HYDROXY-4-((2-METHOXY-5-((PHENYLAMINO)CARBONYL)PHENYL)AZO)-N-(2-METHOXY-5-CHLOROPHENYL)-	67990-05-0	
	2-NAPHTHALENECARBOXAMIDE COMPOUND	5280-78-4	
	2-NAPHTHALENECARBOXAMIDE, 4-[(2,5-DICHLOROPHENYL)AZO]-3-HYDROXY-N-PHENYL-	6041-94-7	
	2-NAPHTHALENECARBOXYLIC ACID, 4-((5-CHLORO-4-METHYL-2-SULFOPHENYL)AZO)-3-HYDROXY-	7585-41-3	
	2-NAPHTHALENECARBOXYLIC ACID, CHLORO-AZO	7023-61-2	
	2-NAPHTHANILIDE, 4 -CHLORO-3-HYDROXY-2 ,5 -DIMETHOXY-4-((2-METHOXY-5-(PHENYLCARBAMOYL)PHENYL)AZO)-	5280-68-2	
	2-PYRAZOLIN-5-ONE, 4,4 -(3,3 -DICHLORO-4,4 -BIPHENYLYLENEBISAZO)-	3520-72-7	

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	3-(4-((2,6-DICHLORO-4-NITROPHENYL)AZO)-N-(2-HYDROXYETHYL)ANILINO)PROPIONITRILE, ACETATE (ESTER)	5261-31-4	
	3-(4-CHLOROPHENYL)-1,1-DIMETHYLUREA	150-68-5	
	4(2-CHLOROETHYL)MORPHOLINE HYDROCHLORIDE	3647-69-6	
	4,5-DICHLORO-2-N-OCTYL-3-ISOTHIAZOLONE	64359-81-5	
	4-CHLORO-O-TOLUIDINE	95-69-2	
	4-CHLOROTOLUENE	106-43-4	
	5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE	26172-55-4	
	ACETIC ACID VINYL ESTER, POLYMER WITH CHLOROETHYLENE AND VINYL ALC.	25086-48-0	
	ACETOACETAMIDE, 2-((4-CHLORO-2-NITROPHENYL)AZO)-N-(2-OXO-5-BENZIMIDAZOLINYL)-	12236-62-3	
	Chemical name - examples	CAS No	Additional notes for the substance
	ALKANES, C10-12, CHLORO	108171-26-2	Chlorinated paraffin
	ALKANES, C10-13, CHLORO	85535-84-8	Chlorinated paraffin
	ALKANES, C10-14, CHLORO	85681-73-8	Chlorinated paraffin
	ALKANES, C10-21, CHLORO	84082-38-2	Chlorinated paraffin
	ALKANES, C10-26, CHLORO	97659-46-6	Chlorinated paraffin
	ALKANES, C10-32, CHLORO	84776-06-7	Chlorinated paraffin
	ALKANES, C12-13, CHLORO	71011-12-6	Chlorinated paraffin
	ALKANES, C12-14, CHLORO	85536-22-7	Chlorinated paraffin
	ALKANES, C6-18, CHLORO	68920-70-7	Chlorinated paraffin
	ALKANES, CHLORO	61788-76-9	Chlorinated paraffin
	ANILINE HYDROCHLORIDE	142-04-1	
	ANY MIXTURE CONTAINING ANY OF THE ABOVEMENTIONED SUBSTANCES IN A TOTAL OF MORE THAN 0,005 % BY WEIGHT (=PCT)		PCT
	AROCLOR 5442 (PCT)	12642-23-8	PCT
	AROCLOR 5460 (PCT)	11126-42-4	PCT
	BARIUM CHLORIDE (BACL2), DIHYDRATE	10326-27-9	
	BASIC PIGMENT VIOLET 23 PICCS CARBAZOLE	215247-95-3	
	BENZAMIDE, 2,6-DICHLORO-	2008-58-4	
	BENZAMIDE,-CHLORO -AZO-TRIFLUOROMETHYL	57971-97-8	
	BENZENE, 1,2,4-TRICHLORO-	120-82-1	
	BENZENE, 1,2-DICHLORO-	95-50-1	
	BENZENE, 1-CHLORO-3-NITRO-	121-73-3	
	BENZENE, 1-CHLORO-4-ETHENYL-	1073-67-2	
	BENZENESULFONIC ACID, 4-CHLORO-2-((2-HYDROXY-3-(((2-	73263-37-3	
	BENZOIC ACID, 2-(6-(ETHYLAMINO)-3-(ETHYLIMINO)-2,7-DIMETHYL-3H-XANTHEN-9-YL)-	3068-39-1	
	BROMOCHLORODIFLUOROMETHANE (HALON 1211)	353-59-3	Halon
	BROMODICHLOROMETHANE	75-27-4	
	BUPIVACAINE HYDROCHLORIDE	14252-80-3	

Groop	Chemical name - examples	CAS No	Additional notes for the substance
	BUTANAMIDE, N,N -(3,3 -DIMETHYL(1,1 -BIPHENYL)-4,4 -DIYL)BIS(2-((2,4-DICHLOROPHENYL)AZO)-3-OXO-	5979-28-2	
	BUTENAMIDE, 2-((4-CHLORO-2-NITROPHENYL)AZO)-N-(2-CHLOROPHENYL)-3-OXO-	6486-23-3	
	BUTYL 2,4-DICHLOROPHENOXYACETATE	94-80-4	
	C.I. 20055 CROMOPHTAL RED	68259-05-2	
	C.I. PIGMENT GREEN 7	1328-53-6	
	C.I. PIGMENT YELLOW 55	6358-37-8	
	C.I. PIGMENT YELLOW 83	5567-15-7	
	CARBONIC DICHLORIDE	75-44-5	
	CARBONIC DICHLORIDE, POLYMER WITH 4,4 -(1-METHYETHYLIDENE)BIS(2,6-DIBROMOPHENOL), 2,4,6-TRIBROMOPHENOL-TERMINATED	71342-77-3	
	CHLORENDIC ANHYDRIDE	115-27-5	
	CHLORIDE	16887-00-6	
	CHLORINATED NATURAL RUBBER	9006-03-5	
	CHLORINATED PARAFFINS	63449-39-8	
	CHLORINATED POLYETHYLENE	64754-90-1	
	CHLORINE	22537-15-1	
	CHLORINE	7782-50-5	
	CHLOROANILINE	27134-26-5	
	CHLOROBROMOMETHANE (HALON 1011)	74-97-5	Halon
	CHLORODIFLUOROETHANE (HCFC 142b)	75-68-3	HCFC
	CHLORODIFLUOROMETHANE (HCFC-22)	75-45-6	HCFC
	CHLORODIHYDROQUINOACRIDINEDIONE	3089-17-6	
	CHLORODIPHENYL	37324-23-5	
	CHLOROENDRIC ACID	115-28-6	
	CHLOROFLUOROMETHANE, (HCFC-31)	593-70-4	HCFC
	CHLOROMETHYL PIVALATE (POM)	18997-19-8	
	CHLOROMETHYL THIAZOLONE	55965-84-9	
	CHLOROPENTAFLUOROETHANE (CFC-115)	76-15-3	CFC
	CHLOROPENTANES, MIXTYRE OF ISOMERS	29656-63-1	
	CHLOROTOLURON	15545-48-9	
	CHLOROTRIFLUOROMETHANE (CFC-13)	75-72-9	CFC
	CHROMATE(3-), BIS(5-CHLORO-3-((4,5-DIHYD	73324-05-7	
	CHROMATE, CHLOROPHENYL, AZO	31714-55-3	
	COBALT CHLORIDE (COCL2)	7646-79-9	
	COBALT CHLORIDE (COCL2), HEXAHYDRATE	7791-13-1	
	COPPER MONOCHLOROPHTHALOCYANINE	12239-87-1	
	COPPER PERCHLOROPHTHALOCYANINE	14832-14-5	
	CYCLOPROPANECARBOXYLIC ACID, 3-(2-CHLORO-3,3,3-TRIFLUORO-1-PROPENYL)-2,2-DIMETHYL-, (2-METHYL(1,1 -BIPHENYL)-3-YL)METHYL ESTER, (1.ALPHA.,3.ALPHA.(Z))-	82657-04-3	
	DIARYLANILIDE YELLOW	6358-85-6	

Groop	Chemical name - examples	CAS No	Additional notes for the substance
	DICHLORO-2,2-P-CYCLOPHANE	28804-46-8	
	DICHLORODIFLUOROMETHANE (CFC-12)	75-71-8	CFC
	DICHLORODIMETHYLSILANE REACTION PRODUCT WITH SILICA	68611-44-9	
	DICHLOROMETHANE	75-09-2	
	DYE 26	76871-75-5	
	EPICHLOROHYDRIN	106-89-8	
	ETHANAMINIUM, N-(6-(DIETHYLAMINO)-9-(2-(METHOXYCARBONYL)PHENYL)-3H-XANTHEN-3-YLIDENE)-N- ETHYL-, CHLORIDE	39393-39-0	
	HYDROCHLORIC ACID	7647-01-0	
	ISOINDOLE-TETRACHLORO-QUINOLINYL	56731-19-2	
	LITHIUM CHLORIDE (LICL)	7447-41-8	
	LITHIUM PERCHLORATE	7791-03-9	
	METHYLAMINE HYDROCHLORIDE	593-51-1	
	METHYLPHOSPHONIC DICHLORIDE	676-97-1	
	MONOMETHYL-DIBROMO-DIPHENYL METHANE (PCT)	99688-47-8	PCT
	MONOMETHYL-DICHLORO-DIPHENYL METHANE (PCT)	81161-70-8	PCT
	MONOMETHYL-TETRACHLORODIPHENYL METHANE (PCT)	76253-60-6	PCT
	NICKEL CHLORIDE (NICL2)	7718-54-9	
	NICKEL CHLORIDE (NICL2), HEXAHYDRATE	7791-20-0	
	PARA-DICHLOROBENZENE	106-46-7	
	PARAFFIN OILS AND HYDROCARBON OILS, CHLORO	85422-92-0	Chlorinated paraffin
	PARAFFINS (PETROLEUM, NORMAL C > 10, CHLORO	97553-43-0	Chlorinated paraffin
	PCB 1260	11096-82-5	PCB
	PENTACHLOROBENZENE	608-93-5	
	PENTACHLOROETHANE	76-01-7	Aliphatic CHC
	PENTACHLOROFLUOROETHANE (CFC-111)	354-56-3	CFC
	PENTACHLORO-PHENOL	87-86-5	PCP
	PHENOL, 2,4-DICHLORO-	120-83-2	
	PHOSPHONOUS DICHLORIDE, PHENYL-	644-97-3	
	PHOSPHOROUS TRICHLORIDE	7719-12-2	
	Chemical name - examples	CAS No	Additional notes for the substance
	PHOSPHORUS OXYCHLORIDE	10025-87-3	
	PHOSPHORUS PENTACHLORIDE	10026-13-8	
	POLYCHLORINATED NAPHTHALENES	70776-03-3	
	POLYCHLORINATED TERPHENYLS (PCTs)	61788-33-8	PCT
	POLYCHLOROPRENE	9010-98-4	
	POLYOLEFINS SULFONIC ACIDS	68037-39-8	
	POLYVINYL CHLORIDE (PVC)	93050-82-9	
	POLYVINYL CHLORIDE (PVC)	9002-86-2	PVC
	PYRROLO(3,4-C)PYRROLE-1,4-DIONE COMPOUND	84632-65-5	

Groop	Chemical name - examples	CAS No	Additional notes for the substance
	SODIUM CHLORIDE	7647-14-5	
	TETRACHLOROETHYLENE	127-18-4	
	TETRACHLOROMETHANE (R10)	56-23-5	Aliphatic CHC
	TETRACHLOROPHTHALIC ANHYDRIDE (TCPA)	117-08-8	
	TETRACHLORO-U-HYDROXY(U-METHACRYLATO-O:O)DICHROMIUM	15096-41-0	
	THIOSULFAN	115-29-7	
	TRICHLORO DI-P-XYLYLENE	29716-49-2	
	TRICHLOROETHYLENE	79-01-6	
	TRICHLOROFLUOROMETHANE (CFC-11)	75-69-4	CFC
	TRICHLOROMETHANE	67-66-3	Aliphatic CHC
	TRICHLOROVINYLSILICON	75-94-5	
	TRICHLROTRIFLUOROETHANE (CFC-113)	76-13-1	CFC
	TRICLOSAN	3380-34-5	
	TRIETHYLAMINE HYDROCHLORIDE	554-68-7	
	TRIS(2-CHLOROETHYL)PHOSPHATE	115-96-8	
	TRIS(CHLOROETHYL) PHOSPHATE	29716-44-7	
	VINYL CHLORIDE	75-01-4	
	VINYL CHLORIDE COPOLYMER	25037-78-9	
	VINYL CHLORIDE-VINYL ACETATE COPOLYMERS	9003-22-9	
	ZINC CHLORIDE	7646-85-7	
Chromium VI (Cr 6+)	Group includes substances such as:		
	CHROMIUM VI (Cr6+)	18540-29-9	
	BARIUM CHROMATE	10294-40-3	
	CALCIUM CHROMATE	13765-19-0	
	CHROMIUM OXIDE (CrO 3)	1333-82-0	
	LEAD CHROMATE MOLYBDATE SULPHATE RED	12656-85-8	
	LEAD CHROMATE PIGMENTS	1334-37-2	
	LEAD CHROMATE PIGMENTS	12656-85-8	
	LEAD SULFOCHROMATE YELLOW	1344-37-2	
	POTASSIUM CHROMATE	7789-00-6	
	POTASSIUM DICHROMATE	7778-50-9	
	SODIUM CHROMATE		
	SODIUM DICHROMATE	10588-01-9	
	SODIUM DICHROMATE DIHYDRATE	7789-12-0	
	STRONTIUM CHROMATE		
	ZINC CHROMATE	13530-65-9	
Formaldehyde	Group includes substances such as:		
	FORMALDEHYDE	50-00-0	

Groop	Chemical name - examples	CAS No	Additional notes for the substance
Isocyanates	Group includes substances such as:		
	1,5 -NAPHTALENE DI-ISOCYANATE (NDI)	3173-72-6	
	2,4-/2,6-TOLUENE DI-ISOCYANATE	26471-62-5	
	2,4-TOLUENE DI-ISOCYANATE (TDI)	584-84-9	
	HEXAMETHYLENE DI-ISOCYANATE (HDI)	822-06-0	
	ISOPHORONE DI-ISOCYANATE (IPDI)	4098-71-9	
	METHYLENE BIS-(4-CYCLOHEXYLISOCYANATE)	5124-30-1	
	METHYLENE BISPHENYL ISOCYANATE (MDI)	101-68-8	
	POLYISOCYANATES (ISOCYANATE PREPOLYMERS)	no CAS	
	POLYMETHYLENE POLYPHENYL ISOCYANATE (PAPI)	9016-87-0	
Lead and compounds	Group includes substances such as:		
	LEAD	7439-92-1	
	LEAD (II) SULFATE	7446-14-2	
	LEAD ACETATE	301-04-2	
	LEAD ARSENITE	10031-13-7	
	LEAD AZIDE	13424-46-9	
	LEAD CARBONATE	598-63-0	
	LEAD CHROMATE (VI)	7758-97-6	
	LEAD HEXAFLUOROSILICATE (1:1)	25808-74-6	
	LEAD METHANESULFONATE	17570-76-2	
	LEAD MONOXIDE	1317-36-8	
	LEAD NAPHTHENATE	61790-14-5	
	LEAD NITRATE	10099-74-8	
	LEAD PHOSPHATE	7446-27-7	
	LEAD STYPHNATE	15245-44-0	
	LEAD SUB-CARBONATE	1319-46-6	
	LEAD SULFATE	15739-80-7	
	LEAD TETRAETHYL	78-00-2	
	LEAD TETRAMETHYL	75-74-1	
Mercury and compounds	Group includes substances such as:		
	MERCURIPHENYL NITRATE	55-68-5	
	MERCUROUS CHLORIDE	10112-91-1	
	MERCURY	7439-97-6	
	MERCURY (II) CHLORIDE	7487-94-7	
	MERCURY DI(ACETATE)	1600-27-7	
	MERCURY DICHLORIDE	7487-94-7	
	MERCURY DINITRATE	10045-94-0	
	MERCURY NITRATE	10045-94-0	
	MERCURY OXIDE	21908-53-2	
	MERCURY(II) SULFATE	7783-35-9	

Groop	Chemical name - examples	CAS No	Additional notes for the substance
	MERCURY(SULFIDE	1344-48-5	
Methylbromide	Group includes substances such as:		
	METHYL BROMIDE	74-83-9	
Nickel	Group includes substances such as:		
	NICKEL	7440-02-0	
	NICKEL CARBONATE	3333-67-3	
	NICKEL DIOXIDE	12035-36-8	
	NICKEL HYDROXIDE	11113-74-9	
	NICKEL MONOXIDE	1313-99-1	
	NICKEL SUBSULPHIDE TRINICKEL DISULPHIDE	12035-72-2	
	NICKEL SULPHATE	7786-81-4	
	NICKEL SULPHIDE	11113-75-0	
	NICKEL SULPHIDE	12137-12-1	
	NICKEL TETRACARBONYL	13463-39-3	
	Chemical name - examples	CAS No	Additional notes for the substance
	NICKEL(II) HYDROXIDE	12054-48-7	
Nonylphenols (NP) & Nonylphenol Ethoxylates (NPE)	Group includes substances such as:		
	2-(2-(2-(2-(P-NONYLPHENOXY)ETHOXY) ETHOXY)ETHOXY) ETHANOL	7311-27-5	
	2-(2-(P-NONYLPHENOXY)ETHOXY) ETHANOL	20427-84-3	
	2-(P-NONYLPHENOXY) ETHANOL	104-35-8	
	ETHANOL, 2-[2-(NONYLPHENOXY)ETHOXY]-	27176-93-8	
	ETHOXYNONYL-BENZENE	28679-13-2	
	N-NONYLPHENOL (MIXED ISOMERS)	25154-52-3	
	NONYLPHENOL	104-40-5	
	NONYLPHENOL ETHOXYLATE	37340-60-6	
	NONYLPHENOL ETHOXYLATE	68412-53-3	
	NONYLPHENOL HEPTA(OXYETHYLENE)ETHANOL	27177-05-5	
	NONYLPHENOL NONA(OXYETHYLENE)ETHANOL	27177-08-8	
	NONYLPHENOL POLYETHYLENE GLYCOL ETHER	9016-45-9	
	NONYLPHENOL, INDUSTRIAL	84852-15-3	
	NONYLPHENOXY ETHANOL	27986-36-3	
	OXIRANE, METHYL-, POLYMER WITH OXIRANE, MONO(NONYLPHENYL) ETHER	37251-69-7	
	PHENOL, NONYL-,PHOSPHITE	26523-78-4	
	P-NONYLPHENOL POLYETHYLENE GLYCOL ETHER	26027-38-3	
	POLY(OXY-1,2-ETHANEDIYL), ALPHA-(2-NONYLPHENYL)-OMEGA-HYDROXY-	51938-25-1	
	POLY(OXY-1,2-ETHANEDIYL), ALPHA(ISONONYLPHENYL) OMEGA-HYDROXY	37205-87-1	
	POLY(OXY-1,2-ETHANEDIYL), ALPHA(NONYLPHENYL) OMEGA-HYDROXY, BRANCHED	68412-54-4	

Groop	Chemical name - examples	CAS No	Additional notes for the substance
	POLY(OXY-1,2-ETHANEDIYL), ALPHA(NONYLPHENYL) OMEGA-HYDROXY, BRANCHED	127087-87-0	
Organic tin compounds (Di- and triorganic tins)	Group includes substances such as:		
	BIS(TRIBUTYLTIN)2,3-DIBROMOSUCCINATE	31732-71-5	
	BIS(TRIBUTYLTIN)FUMALATE	6454.35-9	
	BIS(TRIBUTYLTIN)MALEATE	14275-57-1	
	COPOLYMER OF ALKYL(C=8)ACRYLATE, METHYL METHACRYLATE AND TRIBUTYLTIN	67772-01-4	
	DIBUTYLTIN	1002-53-5	
	DIBUTYLTIN DI(2-ETHYLHEXANOATE)	2781-10-4	
	Dibutyltin diacetate	1067-33-0	
	DIBUTYLTIN DICHLORIDE	683-18-1	
	DIBUTYLTIN DILAURATE	77-58-7	
	DIBUTYLTIN HYDROGEN BORATE	75113-37-0	
	Dibutyltin maleate	78-04-6	
	DIBUTYLTIN OXIDE	818-08-6	
	DI-N-OCTYLTIN	15231-44-4	
	Dioctyltin dilaurate	3648-18-8	
	DIOCTYLTIN OXIDE	870-08-6	
	TRIBUTYLTIN	688-73-3	
	TRIBUTYLTIN CYCLOPENTANE CARBONATE	85409-17-2	
	TRIBUTYLTIN OXIDE	56-35-9	
	TRIBUTYLTIN-1, 2,3,4,4a, 4b, 5,6,10,10a-DECAHYDRO-7-ISOPROPYL-1, 4a-DIMETHYL-1-PHENANTRENCARBOXYLATEMIX	26239-64-5	
	TRIBUTYLTINACETATE	56-36-0	
	TRIBUTYLTINCHLORIDE	1461-22-9	
	TRIBUTYLTINCHLORIDE	7342-38-3	
	TRIBUTYLTINFLUORIDE	1983-10-4	
	TRIBUTYLTINLAURATE	3090-36-6	
	TRIBUTYLTINMETHACRYLATE	2155-70-6	
	TRIBUTYLTINSULFAMATE	6517-25-5	
	TRIPHENYLTIN	1803-12-9	
	TRIPHENYLTIN fattyacid ((9-11)salt)	18380-71-7	
	TRIPHENYLTIN fattyacid ((9-11)salt)	18380-72-8	
	TRIPHENYLTIN fattyacid ((9-11)salt)	47672-31-1	
	TRIPHENYLTIN fattyacid ((9-11)salt)	94850-90-5	
	TRIPHENYLTINACETATE	900-95-8	
	TRIPHENYLTINCHLORIDE	639-58-7	
	TRIPHENYLTINCHLOROACETATE	7094-94-2	
	TRIPHENYLTINFLUORIDE	379-52-2	
	TRIPHENYLTINHYDROXIDE	76-87-9	

Groop	Chemical name - examples	CAS No	Additional notes for the substance
Perfluorooctane sulfonates (PFOSs)	Group includes substances such as:		
	AMMONIUM HEPTADECAFLUOROOCTANESULPHONATE	29081-56-9	
	HEPTADECAFLUORO-1-OCTANESULFONIC ACID, COMPD. WITH DIETHANOLAMINE	70225-14-8	
	LITHIUM PERFLUOROOCTANE SULFONATE	29457-72-5	
	PERFLUOROOCTANE SULFONIC ACID	1763-23-1	
	POTASSIUM PERFLUOROOCTANESULFONATE	2795-39-3	
	SULFONIC ACIDS, C6-12-ALKANE, PERFLUORO	93572-72-6	
	SULFONIC ACIDS, C6-12-ALKANE, PERFLUORO, POTASSIUM SALTS	68391-09-3	
Phthalates	Group includes substances such as:		
	BUTYLBENZYLPHTHALATE (BBP)	85-68-7	
	DI(2-ETHYLHEXYL) PHTHALATE (DEHP)	117-81-7	
	DIBUTYLPHTHALATE (DBP)	84-74-2	
	DIETHYL PHTHALATE (DEP)	84-66-2	
	DIISODECYL PHTHALATE	68515-49-1	
	DIISODECYLPHTHALATE (DIDP)	26761-40-0	
	DIISONONYL PHTHALATE	68515-48-0	
	DIISONONYLPHTHALATE (DINP)	28553-12-0	
	DIMETHYL PHTHALATE (DMP)	131-11-3	
	N-DIOCTYL PHTHALATE (DNOP)	117-84-0	
Radioactive substances	Group includes substances such as:		
	AMERICIUM 241	14596-10-2	
Sulfur hexafluoride (SF6)	Group includes substances such as:		
	SULFUR HEXAFLUORIDE	2551-62-4	