

Table 2. Laws and Regulations for environmental controlled chemical substances

Table 2 shows each level 1 (prohibited substances) substance or substance group, and relevant regulations. For details about other utility, control values, and relevant regulations that fall under this restriction, see Attached list 1 (for the home page where the Attached list is published, see the upper part of page 13).

Table 2 shows each substance or substance group that belongs to level 2 (controlled substances). For details about relevant laws, see attachment 2 (for the home page where the Attached list is published, see the upper part of page 13).

For numbers 1 through 5, any items corresponding to those excluded from application according to the RoHS orders (EU) shown in Attached list 3-1 or Attached list 3-2 (for the home page where the Attached list is published, see the upper part of page 13) are excluded. However, you must report the reason for exclusion (e.g., an exclusion code).

For substances that count as REACH/restricted substances, or for details, see Attached list 6, and for details about REACH/permitted substances or SVHC substances, see Attached list 7 (for the home page where the Attached list is published, see the upper part of page 13).

In order to use this for work such as information disclosure in supply chains, report information on the presence of the chemical substances below.

No.	Environmental Controlled Substances	Laws and Regulations
1	Cadmium and its compounds	EU REACH Regulation EU RoHS Directive EU Packing and Packing Waste Directive EU Battery Directive EU Safety of Toys Directive Danish Regulation
2	Hexavalent chromium and its compounds	EU REACH Regulation EU RoHS Directive EU Packing and Packing Waste Directive EU Safety of Toys Directive
3	Lead and its compounds	EU REACH Regulation , EU RoHS Directive EU Packing and Packing Waste Directive EU Battery Directive EU Safety of Toys Directive USA Proposition 65(California State)
4	Mercury and its compounds	EU REACH Regulation , EU RoHS Directive EU Packing and Packing Waste Directive EU Battery Directive EU Safety of Toys Directive
5	Polybrominated biphenyls (PBBs) Polybrominated diphenyl ethers (PBDEs)	EU RoHS Directive
6	Tri-substituted organostannic compounds#2 Bis tributyltin oxide (TBTO) Tributyltin compounds (TBT) Triphenyltin compounds (TPT) etc	Japan Chemical Examination Law/Type 1 specified chemical substances EU REACH Regulation

No.	Laws and Regulations	Environmental Controlled Substances
7	Polychlorinated biphenyls (PCBs)	Japan Chemical Examination Law/Type 1 specified chemical substances EU REACH Regulation
8	Polychlorinated terphenyls#2 (PCTs)	EU REACH regulation
9	Polychloronaphthalenes (Cln: n≥3)	Jpn. Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (The first kind Specified Chemical Substance)
10	Short-chain chlorinated paraffins	EU REACH Regulation
11	Asbestos	EU REACH Regulation Jpn. Occupational Health and Safety Law
12	Ozone depleting substances (Class 1)	Montreal Protocol on Substances that Deplete the Ozone Layer USA Clean Air Act
13	Ozone depleting substances (Class 2) Substitute Freon (HCFCs)	Montreal Protocol on Substances that Deplete the Ozone Layer USA Clean Air Act
14	Radioactive substances	Jpn. Law concerning Restriction of Nuclear Source Material, Nuclear Fuel Material, and Nuclear Reactor
15	PFOS and its analogous compounds For substances that apply, see Attached list 5.	Japan Chemical Examination Law/Type 1 specified chemical substances POPs
16	2-(2H-1, 2, 3-Benzotriazole-2-YL)-4, 6-di-tert-Butylphenol	Japan Chemical Examination Law/Type 1 specified chemical substances
17	Hexachlorobenzene	Japan Chemical Examination Law/Type 1 specified chemical substances
18	Dimethyl fulmarate (DMF)#2	REACH regulation (EU)
19	Hexabromocyclododecane (HBCD or HBCDD)	Japan Chemical Examination Law/Type 1 Specified Chemical Substances POPs
20	Bis (2-ethylhexyl) phthalate (DEHP)	EU RoHS Directive (from July, 2019)
21	Benzyl butyl phthalate (BBP)	EU RoHS Directive (from July, 2019)
22	Dibutyl phthalate (DBP)	EU RoHS Directive (from July, 2019)
23	Diisobutyl phthalate (DIBP)	EU RoHS Directive (from July, 2019)
24	Antimony and its compounds	EU Safety of Toys Directive

No.	Laws and Regulations	Environmental Controlled Substances
25	Arsenic and its compounds	EU Safety of Toys Directive
26	Beryllium and its compounds#6	JPN Industrial Safety and Health Law (Manufacturing licence)
27	Nickel and it compounds	EU REACH Regulation
28	Selenium and its compounds	EU Safety of Toys Directive
29	Un-specific brominated flame retardants#7	JEDEC JS709 IPC-4101 and IEC61249-2-21
30	Polyvinyl chlorides (PVCs) and its mixture, its copolymer	JS709
31	Pthalate esters	EU REACH Regulation
32	Di-substituted organostannic compounds (DBT, DOT, etc.)	EU REACH Regulation
33	Cobalt and its compounds#6	EU Safety of toys Directive EU REACH Regulation
34	Specified azo compounds specified cracked amine (Azo dye, pigment)	EU REACH Regulation
35	Formaldehyde	JPN Law for the Control of Household Products containing Harmful Substances GER Prohibition of Chemicals Ordinance - ChemVerbotsV
36	Benzene	JPN Industrial Safety and Health Law (Labelling duty of notifiable substances and Specified Group-2 Substances of Ordinance on Prevention of Hazards Due to Specified Chemical Substances)
37	Fluorine-based greenhouse gases	JPN Law Concerning the Promotion of Measures Against Global Warming EU Regulation
38	Polycyclic-aromatic hydrocarbons (PAHs) corresponding to REACH/restriction substance	EU REACH Regulation/Restriction
39	Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA	Domestic law in Norway
40	Benzenamine, N-phenyl-, reaction products with styrene and 2,4,4-trimethylpentene (BNST)	Domestic law in Canada
41	REACH/restriction substances (For applicable substances, or for details, see Attached list 6.)	EU REACH Regulation/Restriction

No.	Laws and Regulations	Environmental Controlled Substances
42	REACH/authorization substances (For applicable substances, see Attached list 7.)	EU REACH Regulation/Authorization
43	RECAH/SVHC (For applicable substances, see Attached list 7.)	EU REACH Regulation/SVHC
44	JAMP declarable substances#9	JAMP managed substances