

Table 2. Laws, regulations and control levels for environmental controlled chemical substances

No.	Laws and Regulations	Environmental Controlled Substances	Control Level	
			1	2
1	*The Law concerning the Examination and Regulation of Manufacture etc. of Chemical Substances (Japan) Specified chemical substances including with POPs (No. 11)	PCB' s, Bis(tri-butyl tin)oxide, Specified tri-butyl tin compounds, Specified tri-phenyl tin compounds	V	
2	*Poisonous and Deleterious Substances Control Law of Japan: Specified poisons	Tetra-alkyl lead	V	
3	*Air Pollution Control Law of Japan: Specified particulate	Asbestos	V	
4	*Montreal Act: Ozone-depleting substances	Class-I : Fron' s(CFC) and Specified Halon' s(BFC and HBFC) Class-II : CFCs substitute(HCFC and HBFC)	V	
5	*Industrial Safety and Health Law of Japan Banned substances	Grunerite Asbestos, Crocidolite Asbestos,	V	
6	*EU Directive/RoHS: Restriction of the use of certain Hazardous Substances in electrical and electronic equipment	Cadmium and its compounds, Mercury and its compounds, Hexavalent chromium and its compounds, Lead and its compounds, PBB' s, PBDE' s	V	
7	*Law Concerning Reporting, etc. of Releases to the Environment of Specific Chemical Substances and Promoting Improvements in Their Management *Pollutant Release and Transfer Register (PRTR) Specified chemical substances PRTR/Controlled chemical substances	Asbestos, Cadmium and its compounds, Hexavalent Chromium and its compounds	V	
		Nickel and its compounds, Arsenic and its inorganic compounds, Beryllium and its compounds, Excepted for the list No.1 to the list No.18		V
8	Law for the Regulation of Nuclear Source Material, Nuclear Fuel Material, and Reactors Radioactive material	Nuclear Source Material, Nuclear Fuel Material, Uranium, Plutonium	V	

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			1	2
9	*EU Directive:EU/76/769/EEC (CMRs) Carcinogenic, Mutagenic and Toxic to Reproduction Substances	Specified Azo compounds (Specified cracked amines), RoHS substances,	V	
10	*EU Directive: EU94/62/EC	Cadmium, Hexavalent chromium, Lead, Mercury,	V	
11	*Stockholm Act : Presistent Organic Pollutions (POPs)	PCB' s	V	
12	*EU Regulation concerning the Safety of the toys (EN71-3) Substances to the exclusion of EU Regulation EN71-3 may be applied right side controlled levels	Cadmium, Hexavalent-chromium, Lead, Mercury	V	
		Selenium, Antimony, Arsenic		V
13	*Soil Contamination Countermeasures Law of Japan to the exclusion from the List No. 1 to the List No. 12	Selenium and its compounds		V
14	*Water Pollution Prevention Law of Japan to the exclusion from the List No.1 to the List No. 12	Selenium and its compounds		V
15	*EU Directive: EU2005/84/EC	Specified Phthalate (5 chemicals)		V
16	*Environmental Controlled Substances (9 substances and its compounds) exempted above No. 1-No. 11substances	PVC, Specified phthalates, Bromic noncombustibles(exclusion PBB and PBDE), Bismuth and its compounds Antimony and its compounds		V
17	REACH Regulation SVHC Candidate List 15 substances	Anthracene, 4,4' -Diaminodiphenylmethane, Dibutyl phthalate (DPB), Cobalt dichloride, Diarsenic pentaoxide, Diarsenic trioxide, Sodium dichromate, 5-tert-butyl-2,4,6-trinitro-m xylene, Bis(2-ethyl(hexyl)phthalate) (DEHP), Hexabromocyclo-dodecane (HBCDD), Alkalines, C10-13, chloro(Short Chain Chlorinated Paraffins), Bis(tributyltin)oxide, Lead hydrogen arsenate, Benzyl butyl phthalate(BBP), Triethyl arsenate	V	V