

The Green Procurement Standards Annex (9.0th Edition)

6.0th Edition : March 15, 2024

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NIPPON ALEPH Co.,Ltd

1. Banned Substances in Products

"Banned substances in products" are chemical substances contained in products and are chemical substances regulated by the Company.

No.	Substance class (name)	Regulated application	Regulated value (threshold level)	Main use (Applicable Law, etc)
1-1	Polychlorinated biphenyls and specified substitutes CAS.No.76253-60-6/ 81161-70-8/99688-47-8	All applications	Not intentionally contained	Insulating oil, etc. Japan CSCL Class 1
1-2	polychlorinated naphthalenes (limited to those containing 1 or more chlorine atoms) CAS.No.2050-69-3/2198-75-6/1825-31-6/1825-30-5/2050-72-8/2050-73-9/2050-74-0/2050-75-1/2065-70-5/2198-77-8/28699-88-9/70776-03-3/1321-65-9/1335-88-2/1321-64-8/2234-13-1/90-13-1 91-58-7/25586-43-0	All applications	Not intentionally contained	Machine oil, etc. Japan CSCL Class 1
1-3	hexachlorobenzene CAS.No.118-74-1	All applications	Not intentionally contained	Raw material for insecticides etc. Japan CSCL Class 1
1-4	1, 2, 3, 4, 10, 10-hexachloro-1, 4, 4a, 5, 8, 8a-hexahydro-exo-1, 4-endo-5, 8-dimethanonaphthalene (also known as aldrin; referred to as "aldrin" in row (iii) of the table in Article 7) CAS.No.309-00-2	All applications	Not intentionally contained	Insecticides Japan CSCL Class 1
1-5	1, 2, 3, 4, 10, 10-hexachloro-6, 7-epoxy-1, 4, 4a, 5, 6, 7, 8, 8a-octahydro-exo-1, 4-endo-5, 8-dimethanonaphthalene (also known as dieldrin; referred to as "dieldrin" in row (iv) of the table in Article 7) CAS.No.60-57-1	All applications	Not intentionally contained	Insecticides Japan CSCL Class 1
1-6	1, 2, 3, 4, 10, 10-hexachloro-6, 7-epoxy-1, 4, 4a, 5, 6, 7, 8, 8a-octahydro-endo-1, 4-endo-5, 8-dimethanonaphthalene (also known as endrin) CAS.No.72-20-8	All applications	Not intentionally contained	Insecticides Japan CSCL Class 1
1-7	1, 1, 1-trichloro-2, 2-bis (4-chlorophenyl) ethane (also known as DDT) CAS.No.50-29-3	All applications	Not intentionally contained	Insecticides Japan CSCL Class 1
1-8	1, 2, 4, 5, 6, 7, 8, 8-octachloro-2, 3, 3a, 4, 7, 7a-hexahydro-4, 7-methano-1H-indene, 1, 4, 5, 6, 7, 8, 8-heptachloro-3a, 4, 7, 7a-tetrahydro-4, 7-methano-1H-indene and their analogous compounds (also known as chlordane or heptachlor)	All applications	Not intentionally contained	Termite pesticides, etc. Japan CSCL Class 1
1-9	bis (tributyltin) oxide (TBTO) CAS.No.56-35-9	All applications	Not intentionally contained	Fishing net antifouling agent, ship bottom paint, etc. Japan CSCL Class 1
1-10	N, N'-ditolyl-p-phenylenediamine, N-tolyl-N'-xylyl-p-phenylenediamine, or N, N'-dixyl-p-phenylenediamine	All applications	Not intentionally contained	Rubber anti-aging agent, styrene butadiene rubber Japan CSCL Class 1
1-11	2, 4, 6-tri-tert-butylphenol CAS.No.732-26-3	All applications	Not intentionally contained	Antioxidants and other additives (limited to lubricating oils and fuel oils) , lubricating oil Japan CSCL Class 1 TSCA

No.	Substance class (name)	Regulated application	Regulated value (threshold level)	Main use (Applicable Law, etc)
1-12	polychloro-2, 2-dimethyl-3-methylidenecyclo [2. 2. 1] heptane (also known as toxaphene) CAS.No:8001-35-2	All applications	Not intentionally contained	Insecticides, mite control agents (in agricultural and livestock farming applications) Japan CSCL Class 1
1-13	dodecachloropentacyclo [5. 3. 0. 0. 0. 0] decane (also known as mirex) CAS.No:2385-85-5	All applications	Not intentionally contained	Flame retardants for resins, paints, paper, electrical products etc., insecticide, ant repellent Japan CSCL Class 1
1-14	2, 2, 2-trichloro-1, 1-bis (4-chlorophenyl) ethanol (also known as kelthane or dicofol) CAS.No:10606-46-9/115-32-2	All applications	Not intentionally contained	Mite preventative agents Japan CSCL Class 1
1-15	hexachlorobuta-1, 3-diene CAS.No:87-68-3	All applications	Not intentionally contained	Solvents Japan CSCL Class 1 TSCA
1-16	2-(2H-1, 2, 3-benzotriazol-2-yl)-4, 6-di-tert-butylpheno(l)(UV-320) CAS.No:3846-71-7	All applications	Not intentionally contained	UV light absorbers Japan CSCL Class 1
1-17	perfluoro (octane-1-sulfonic acid) (also known as PFOS) or its salts CAS.No:1763-23-1/2795-39-3/4021-47-0/29457-72-5/29081-56-9/70225-14-8/56773-42-3/251099-16-8	All applications	Not intentionally contained	Water and oil repellents, surfactants Japan CSCL Class 1
1-18	perfluoro (octane-1-sulfonyl) =fluoride (also known as PFOSF) CAS.No:307-35-7	All applications	Not intentionally contained	PFOS raw material Japan CSCL Class 1
1-19	pentachlorobenzene CAS.No:608-93-5	All applications	Not intentionally contained	Agricultural chemicals, by-products Japan CSCL Class 1
1-20	r-1, c-2, t-3, c-4, t-5, t-6-hexachlorocyclohexane (also known as alpha- hexachlorocyclohexane) CAS.No:319-84-6	All applications	Not intentionally contained	Lindane by-product Japan CSCL Class 1
1-21	r-1, t-2, c-3, t-4, c-5, t-6-hexachlorocyclohexane (also known as beta-hexachlorocyclohexane) CAS.No:319-85-7	All applications	Not intentionally contained	Lindane by-product Japan CSCL Class 1
1-22	r-1, c-2, t-3, c-4, c-5, t-6-hexachlorocyclohexane (also known as gamma- hexachlorocyclohexane) CAS.No:58-89-9	All applications	Not intentionally contained	Agricultural chemicals, insecticides Japan CSCL Class 1
1-23	decachloropentacyclo [5. 3. 0. 0(2, 6). 0(3, 9). 0(4, 8)] decan-5-one (also known as chlordecone) CAS.No:143-50-0	All applications	Not intentionally contained	Agricultural chemicals, insecticides Japan CSCL Class 1
1-24	hexabromobiphenyl CAS.No:36355-01-8	All applications	Not intentionally contained	Flame retardants Japan CSCL Class 1
1-25	tetrabromo (phenoxybenzene) (also known as tetrabromodiphenyl ether) CAS.No:40088-47-9	All applications	Not intentionally contained	Flame retardants Japan CSCL Class 1

No.	Substance class (name)	Regulated application	Regulated value (threshold level)	Main use (Applicable Law, etc)
1-26	pentabromo (phenoxybenzene) (also known as pentabromodiphenyl ether) CAS.No.32534-81-9	All applications	Not intentionally contained	Flame retardants Japan CSCL Class 1
1-27	hexabromo (phenoxybenzene) (also known as hexabromodiphenyl ether) CAS.No.68631-49-2/207122-15-4	All applications	Not intentionally contained	Flame retardants Japan CSCL Class 1
1-28	heptabromo (phenoxybenzene) (also known as heptabromodiphenyl ether) CAS.No.446255-22-7/207122-16-5	All applications	Not intentionally contained	Flame retardants Japan CSCL Class 1
1-29	6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-6,9-methano-2,4,3-benzodioxathiepin-3-oxide (also known as endosulfan or benzoepin) CAS.No.115-29-7/959-98-8/33213-65-9	All applications	Not intentionally contained	Agricultural chemicals Japan CSCL Class 1
1-30	hexabromocyclododecane CAS.No.25637-99-4/3194-55-6/4736-49-6/65701-47-5/134237-50-6/134237-51-7/134237-52-8/138257-17-7/138257-18-8/138257-19-9/169102-57-2/678970-15-5/678970-16-6/678970-17-7	All applications	Not intentionally contained	Flame retardants Japan CSCL Class 1
1-31	pentachlorophenol or its salts or esters CAS.No.87-86-5/131-52-2/27735-64-4/3772-94-9	All applications	Not intentionally contained	Wood antiseptics, insecticides and fungicides Japan CSCL Class 1
1-32	polychlorinated normal paraffin (limited those in which the carbon number is 10 through 13 and the content of chlorine is more than 48% of the total weight) CAS.No.18993-26-5/36312-81-9/63981-28-2/219697-10-6/219697-11-7/221174-07-8/276673-33-7/601523-20-0/601523-25-5	All applications	Not intentionally contained	Flame retardants Japan CSCL Class 1
1-33	1,1'-oxybis (2,3,4,5,6-pentabromobenzene) (also known as decabromodiphenyl ether) CAS.No.1163-19-5	All applications	Not intentionally contained	Flame retardants Japan CSCL Class 1 TSCA
1-34	Perfluorooctanoic acid (PFOA) and its salts and PFOA-related substances Perfluoro alkanic acid (limited to those with a branched structure and 8 carbon atoms) (perfluorooctanoic acid (PFOA) isomers)	All applications	Not intentionally contained	Important agent used when producing fluorocarbon polymer Japan CSCL Class 1
1-35	Perfluorohexane-1-sulphonic acid (PFHxS), its salts, and PFHxS-related substances	All applications	Not intentionally contained	Fluorine coating, metal plating Japan CSCL Class 1
1-36	1,1,1-Trichloro-2,2-bis(4-methoxyphenyl)ethane CAS.No.72-43-5	All applications	Not intentionally contained	POPs Japan CSCL Class 1
1-37	Dechlorane Plus (1,6,7,8,9,14,15,16,17,17,18,18-dodecachloropentacyclo [12.2.1.16,9.02.13.05.10]octadecane-7,15-gene) CAS.No.13560-89-9/135821-74-8/135821-03-3	All applications	Not intentionally contained	Flame retardants POPs Japan CSCL Class 1
1-38	UV-328 (2-(2H-enzotriazole-2-yl)-4,6-di-tert-pentylphenol) CAS.No.25973-55-1	All applications	Not intentionally contained	UV absorption agent for plastic resin POPs Japan CSCL Class 1

No.	Substance class (name)	Regulated application	Regulated value (threshold level)	Main use (Applicable Law, etc)
2-1	PCDD CAS.No.3268-87-9/1746-01-6/39227-28-6/57653-85-7/19408-74-3/35822-46-9/40321-76-4	All applications	Not intentionally contained Unintentional inclusion prohibited	POPs
2-2	PCDF CAS.No.67562-39-4/55673-89-7/70648-26-9/57117-44-9/72918-38-8/57117-41-6/60851-34-5/57117-31-4/51207-31-9/39001-02-0	All applications	Not intentionally contained Unintentional inclusion prohibited	POPs
2-3	C9-C14 linear and/or branched perfluoroalkyl carboxylic acids (C9-C14 PFCA)s, their salts and C9-C14 PFCA-s-related substances	All applications	Not intentionally contained	POPs Substances to be examined
2-4	chlorpyrifos CAS No.:2921-88-2	All applications	Not intentionally contained	POPs Substances to be examined
2-5	Medium chain chlorinated paraffins (MCCP, C14-17)	All applications	Not intentionally contained	POPs Substances to be examined
2-6	Long-chain perfluoroalkyl carboxylic acids (LCPFACs) and perfluoroalkyl sulfonic acid compounds	All applications	Not intentionally contained	POPs Substances to be examined
2-7	polyhalogenated dibenzo-p-dioxins dibenzofurans (PXDD/PXDF)	All applications	Not intentionally contained Unintentional inclusion prohibited	POPs Substances to be examined
3-1	Phenol, isopropylated, phosphate (3:1) (PIP(3:1)) CAS.No.68937-41-7	All applications	Not intentionally contained	TSCA
3-2	Pentachlorothiophenol (PCTP) CAS.No.133-49-3	All applications	10000ppm	TSCA
4-1	Asbestos	All applications	Not intentionally contained	Insulator, filling material (Toxic substances, etc. Prohibited from use in the Manufacturing process by Article 16 of the Industrial Safety and Health Act Enforcement Order)
4-2	Yellow phosphorus match (yellow (white) phosphorus) CAS No.12185-10-3	All applications	Not intentionally contained	Fuel, explosive (same as above)
4-3	Benzidine and its chlorides CAS.No.92-87-5	All applications	Not intentionally contained	Dye (same as above)
4-4	4-aminodiphenyl and its chlorides CAS.No.92-67-1	All applications	Not intentionally contained	Dye, analysis reagent (same as above)
4-5	4-nitrodiphenyl and its chlorides CAS.No.92-93-3	All applications	Not intentionally contained	Dye, analysis reagent (same as above)
4-6	Bis (chloromethyl) ether CAS.No.542-88-1	All applications	Not intentionally contained	Dye, analysis reagent (same as above)
4-7	Beta-naphthylamine and its chlorides CAS.No.91-59-8	All applications	Not intentionally contained	Dye, analysis reagent (same as above)
4-8	Rubber cement containing benzene (benzene)	All applications	Not intentionally contained	Rubber cement (same as above)

No.	Substance class (name)	Regulated application	Regulated value (threshold level)	Main use (Applicable Law, etc)
5-1	Cadmium and its compounds	All applications	100ppm	RoHS Directive
5-2	Lead and its compounds	All applications	1000ppm	RoHS Directive
5-3	mercury and its compounds	All applications	1000ppm	RoHS Directive
5-4	Hexavalent chromium compounds	All applications	1000ppm	RoHS Directive
5-5	PBBs	All applications	1000ppm	RoHS Directive
5-6	PBDEs (Includes DecaBDE)	All applications	1000ppm	RoHS Directive
5-7	Phthalate bis (2-ethylhexyl) (DEHP [DOP]) CAS_No.117-81-7	All applications	1000ppm	RoHS Directive
5-8	Di-n-butyl phthalate (DBP) CAS_No.84-74-2	All applications	1000ppm	RoHS Directive
5-9	Butyl benzyl phthalate (BBP) CAS_No.85-68-7	All applications	1000ppm	RoHS Directive
5-10	Diisobutyl phthalate (DIBP) CAS_No.84-69-5	All applications	1000ppm	RoHS Directive
6-1	Ozone-depleting substances (Montreal Protocol)	All applications	Not intentionally contained	Cleaning agent, refrigerant (Ozone Layer Protection Law (Montreal Protocol))
6-2	Polychlorinated terphenyl (PCT)	All applications	Not intentionally contained	Insulation oil, lubrication oil, oil for condensers REACH Annex XVII
6-3	Tri-substituted organostannic compounds (containing tributyltin (TBT) compounds and triphenyltin (TPT) compounds)	All applications	Not intentionally contained	Antiseptic agent, coating, pigment, etc. (Type 1 of the Law Concerning the Examination and Regulation of Manufacturer, etc. of Chemical Substances REACH Annex XVII
6-4	Dibutyltin (DBT) compounds	All applications	1000ppm	REACH Annex XVII
6-5	Dioctyltin (DOT) compounds	All applications	1000ppm	REACH Annex XVII
6-6	Radioactive materials	All applications	Not intentionally contained	Act on the Regulation of Radioisotopes, etc.
6-7	Dimethyl fumarate (DMF)	All applications	Not intentionally contained	Mold prevention medicine and desiccant, etc. REACH Annex XVII
6-8	Polycyclic aromatic hydrocarbons (PAHs)	All applications	Not intentionally contained	tar, crude oil, contained in petroleum, rubber, plasticizer, color pigment for plastic, etc. REACH Annex XVII
6-9	Tris(2-chloroethyl) phosphate (TCEP), Tris(2-chloro-1-methylethyl) phosphate (TCPP), Tris(1,3-dichloro-2-propyl) phosphate (TDCPP)	All applications	Not intentionally contained	flame retardant used in the Manufacturing of liquid unsaturated polyester resin, coating flux for backing fabric of textiles, compound in PVC, also used as a coating agent for cellulosic ester compounds REACH Annex XVII

No.	Substance class (name)	Regulated application	Regulated value (threshold level)	Main use (Applicable Law, etc)
6-10	Arsenic (III) oxide CAS_No.1303-28-2 CAS_No.1327-53-3	All applications	Not intentionally contained	Antifungal agents, adhesives, catalysts, pigments, paints, dyes REACH Annex XVII
6-11	Some azo dye and pigments (colorants) that produce specified amines	All applications	Not intentionally contained	For details, refer to "Attachment 1: Detailed Substance List." REACH Annex XVII
6-12	Fluorinated greenhouse gases (PFC, SF6, HFC)	All applications	Not intentionally contained	REACH Annex XVII
6-13	Mineral oil aromatic hydrocarbons (MOAH) comprising from 1 to 7 aromatic rings	In the printing ink of packaging materials and printed matter	1 to 2:0.1% 3 to 7:1ppm	France Specifies Mineral Oil Requirements Under Anti-Waste and Circular Economy Law
6-14	Hydrocarbons saturated with mineral oil (MOSH) containing 16 to 35 carbon atoms	In the printing ink of packaging materials and printed matter	0.1%	France Specifies Mineral Oil Requirements Under Anti-Waste and Circular Economy Law

2. Revision Record

Revision Record

history	Revision Date	Contents of enactment and revision
symbol	date	
6.0th Edition	March 15, 2024	Established by revision of internal regulations
7.0th Edition	June 28, 2024	We added MOAH, MOSH and chlorpyrifos
8.0th Edition	September 30, 2024	We added PCDD, PCDF and Perfluoro alkanic acid
9.0th Edition	May 23, 2025	We added MCCP, LC-PFCAs and polyhalogenated dibenzo-p-dioxins dibenzofurans (PXDD/PXDF)