

Prohibited Substances

	Laws and regulations	Applicable parts	Prohibited substance name	CAS number	Restricted use (Controlled target use)	Threshold(ppm)	Exemption (Applicable exemption)
Ro-1	EU RoHS Directive ((EU)2015/863) Chine RoHS2 (Administrative Measures for Restrictions on the Use of Hazardous Substances in Electrical and Electronic Product) UAE RoHS (Cabinet Decision No.10 of 2017) EAEU RoHS (EAEU TR 037/2016)	Parts used in electronic and electrical equipment (excluding parts subject to the EU Packaging and Packaging Waste Regulation and the EU Battery Regulation)	Mercury (Hg) and its compounds	7439-97-6, 1344-48-5,7487-94-7, 7783-35-9, 10045-94-0, 21908-53-2, 33631-63-9	—	1000	There are exemptions applicable to the RoHS Directive ((EU)2015/863). For details, see Appendix5.
Ro-2	EU RoHS Directive ((EU)2015/863) Chine RoHS2 (Administrative Measures for Restrictions on the Use of Hazardous Substances in Electrical and Electronic Product) UAE RoHS (Cabinet Decision No.10 of 2017) EAEU RoHS (EAEU TR 037/2016)	Parts used in electronic and electrical equipment (excluding parts subject to the EU Packaging and Packaging Waste Regulation and the EU Battery Regulation)	Cadmium (Cd) and its compounds	1306-19-0, 1306-23-6, 7440-43-9, 10108-64-2, 10124-36-4,7790-79-, 31119-53-6	—	100	There are exemptions applicable to the RoHS Directive ((EU)2015/863). For details, see Appendix5.
Ro-3	EU RoHS Directive ((EU)2015/863) Chine RoHS2 (Administrative Measures for Restrictions on the Use of Hazardous Substances in Electrical and Electronic Product) UAE RoHS (Cabinet Decision No.10 of 2017) EAEU RoHS (EAEU TR 037/2016)	Parts used in electronic and electrical equipment (excluding parts subject to the EU Packaging and Packaging Waste Regulation and the EU Battery Regulation)	Lead (Pb) and its compounds	301-04-2, 598-63-0, 1072-35-1, 1309-60-0, 1314-41-6, 1314-87-0, 1317-36-8, 1319-46-6, 1344-36-1, 1344-37-2, 6080-56-4, 7439-92-1, 7446-14-2, 7446-27-7, 7798-97-6, 12060-00-3, 12069-00-0, 12202-17-4, 12656-85-8, 15739-80-7	—	1000	There are exemptions applicable to the RoHS Directive ((EU)2015/863). For details, see Appendix5.
Ro-4	EU RoHS Directive ((EU)2015/863) Chine RoHS2 (Administrative Measures for Restrictions on the Use of Hazardous Substances in Electrical and Electronic Product) UAE RoHS (Cabinet Decision No.10 of 2017) EAEU RoHS (EAEU TR 037/2016)	Parts used in electronic and electrical equipment (excluding parts subject to the EU Packaging and Packaging Waste Regulation and the EU Battery Regulation)	Hexavalent Chromium (Cr VI) and its compounds	1333-82-0, 1344-37-2, 7758-97-6, 7775-11-3, 7778-50-9, 7789-00-6, 7789-06-2, 10294-40-3, 10588-01-9, 12656-85-8, 13530-65-9, 13765-19-0	—	1000	There are exemptions applicable to the RoHS Directive ((EU)2015/863). For details, see Appendix5.
Ro-5	EU RoHS Directive ((EU)2015/863) Chine RoHS2 (Administrative Measures for Restrictions on the Use of Hazardous Substances in Electrical and Electronic Product)UAE RoHS (Cabinet Decision No.10 of 2017) EAEU RoHS (EAEU TR 037/2016)	Parts used in electronic and electrical equipment (excluding parts subject to the EU Packaging and Packaging Waste Regulation and the EU Battery Regulation)	Polybrominated diphenyl ethers (PBDE) and its compounds	92-66-0, 92-86-4, 2052-07-5, 2113-57-7, 13654-09-6, 27753-52-2, 35194-78-6, 36355-01-8, 40088-45-7, 56307-79-0, 59080-34-1, 59080-40-9, 59536-65-1, 61288-13-9, 67774-32-7	—	1000	Not applicable
Ro-6	EU RoHS Directive ((EU)2015/863) Chine RoHS2 (Administrative Measures for Restrictions on the Use of Hazardous Substances in Electrical and Electronic Product)UAE RoHS (Cabinet Decision No.10 of 2017) EAEU RoHS (EAEU TR 037/2016)	Parts used in electronic and electrical equipment (excluding parts subject to the EU Packaging and Packaging Waste Regulation and the EU Battery Regulation)	Polybrominated diphenyl ethers (PBDE)	101-55-3, 1163-19-5, 2050-47-7, 32534-81-9, 32536-52-0, 36483-60-0, 40088-47-9, 49690-94-0, 63936-56-1, 68928-80-3	—	1000	There are exemptions applicable to the RoHS Directive ((EU)2015/863). For details, see Appendix5.
Ro-7	RoHS Directive ((EU)2015/863) UAE RoHS (Cabinet Decision No.10 of 2017)	Parts used in electronic and electrical equipment (excluding parts subject to the EU Packaging and Packaging Waste Regulation and the EU Battery Regulation)	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	—	1000	Not applicable
Ro-8	RoHS Directive ((EU)2015/863) UAE RoHS (Cabinet Decision No.10 of 2017)	Parts used in electronic and electrical equipment (excluding parts subject to the EU Packaging and Packaging Waste Regulation and the EU Battery Regulation)	BenzyI butyl phthalate (BBP)	85-68-7	—	1000	Not applicable
Ro-9	RoHS Directive ((EU)2015/863) UAE RoHS (Cabinet Decision No.10 of 2017)	Parts used in electronic and electrical equipment (excluding parts subject to the EU Packaging and Packaging Waste Regulation and the EU Battery Regulation)	Dibutyl phthalate (DBP)	84-74-2	—	1000	Not applicable
Ro-10	RoHS Directive ((EU)2015/863) UAE RoHS (Cabinet Decision No.10 of 2017)	Parts used in electronic and electrical equipment (excluding parts subject to the EU Packaging and Packaging Waste Regulation and the EU Battery Regulation)	Diisobutyl phthalate (DIBP)	84-69-5	—	1000	Not applicable
Ba-1	EU Battery Regulation ((EU) 2023/1542)	Batteries	Mercury (Hg)	7439-97-6	—	5	Not applicable
Ba-2	EU Battery Regulation ((EU) 2023/1542)	Batteries	Cadmium (Cd)	7440-43-9	—	20	Not applicable
Ba-3	EU Battery Regulation ((EU) 2023/1542)	Batteries	Lead (Pb)	7439-92-1	—	100	Not applicable
Pa-1	EU Packaging and Packaging Waste Regulation ((EU) 2025/40)	Packaging materials	Mercury (Hg)	7439-97-6	—	100ppm (total amount of 4 substances)	Not applicable
Pa-2	EU Packaging and Packaging Waste Regulation ((EU) 2025/40)	Packaging materials	Cadmium (Cd)	7440-43-9	—	100ppm (total amount of 4 substances)	Not applicable
Pa-3	EU Packaging and Packaging Waste Regulation ((EU) 2025/40)	Packaging materials	Lead (Pb)	7439-92-1	—	100ppm (total amount of 4 substances)	Not applicable
Pa-4	EU Packaging and Packaging Waste Regulation ((EU) 2025/40)	Packaging materials	Hexavalent Chromium (Cr VI)	18540-29-9	—	100ppm (total amount of 4 substances)	Not applicable
RE-1	REACH Regulations ANNEXXVII (restriced substances)	All parts	Polychlorinated terphenyls (PCTs)	—	Entry1 in mixtures, including waste oils, or in in equipment	50mg/kg (0.005wt%)	Not applicable
RE-2	REACH Regulations ANNEXXVII (restriced substances)	All parts	Lead carbonates	598-63-0, 1319-46-6	Entry16 as paint	—	Not applicable
RE-3	REACH Regulations ANNEXXVII (restriced substances)	All parts	Lead sulphates	15739-80-7, 7446-14-2	Entry17 as paint	—	Not applicable
RE-4	REACH Regulations ANNEXXVII (restriced substances)	All parts	Tri-substituted organostannic compounds (TBT, TPT)	56-36-0, 76-87-9, 379-52-2, 639-58-7, 900-95-8, 1461-22-9, 1803-12-9, 1983-10-4, 2155-70-6, 3090-36-6, 4782-29-0, 6454-35-9, 6517-25-5, 7094-94-2, 7342-38-3, 14275-57-1, 18380-71-7, 18380-72-8, 26239-64-5, 31732-71-5, 47672-31-1, 67772-01-4, 85409-17-2, 94850-90-5	Entry20 in all parts and materials	above the equivalent of 0.1wt% of tin	Not applicable
RE-5	REACH Regulations ANNEXXVII (restriced substances)	All parts	Cadmium and its compounds	67906-19-8,67939-62-2,67989-93-9,68092-45-5,68131-58-8,68131-59-9,68214-25-5,68309-98-8,68332-81-0,68409-82-5,68478-53-5,68479-13-0,68512-49-2,68512-50-5,68512-51-6,68583-43-7,68583-44-8,68583-45-9,68584-41-8,68584-42-9,68784-10-1,68784-55-4,68855-80-1,68876-84-6,68876-98-2,68876-99-3,68877-00-9,68877-01-0,68891-87-2,68953-39-9,68956-81-0,68966-97-2,69011-69-4,69012-21-1,69012-57-3,69029-63-6,69029-70-5,14874-24-9,14923-81-0,14949-59-8,14949-60-1,15337-60-7,15682-87-8,15708-29-9,15743-19-8,15851-44-2,15852-14-9,16039-55-7,16056-72-7,16105-06-9,16986-83-7,17010-21-8,18974-20-4,18991-05-4,19010-65-2,19010-79-8,20648-91-3,21041-95-2,24345-60-6,26264-48-2,27476-27-3,29870-72-2,29977-13-7,30304-32-6,31017-44-4,31215-94-8,34100-40-8,34303-23-6,35803-35-1,36211-44-6,38517-19-0,49784-42-1,49784-44-3,50648-02-7,51222-60-7,52337-78-7,55700-14-6,56982-42-4,58339-34-7,61129-40-6,61789-34-2,61951-96-0,62149-56-8,62250-54-5,12213-70-6,12400-33-8,69029-77-2,69029-90-9,69029-91-0,69121-20-6,69190-99-4,70084-75-2,71243-75-9,71411-66-0,71436-99-2,71861-27-3,72869-63-7,72968-34-4,84696-56-0,84878-36-4,84878-37-5,84878-48-8,84878-51-3,85117-02-8,85117-20-0,85586-15-8,85958-86-7,85994-31-6,90194-35-7,90218-85-2,90342-19-1,90411-62-4,90529-78-5,90604-90-3,91053-44-0,91053-46-2,91697-35-7,92257-06-2,92257-11-9,92704-12-6,92704-15-9,92704-19-3,92704-24-0,92797-28-9,93686-40-9,93820-02-1,93858-50-5,93894-07-6,93894-08-7,93894-09-8,93894-10-1,93965-24-3,93965-30-1,93983-65-4,94232-49-2,94247-16-2,94275-93-1,94275-94-2,94551-70-9,95892-12-9,97259-82-0,99587-10-7,99749-34-5,100402-53-7,100656-55-1,101012-89-9,101012-93-5,101012-94-6,101356-99-4,101357-00-0,101357-01-1,101357-02-2,101357-03-3,101357-04-4,102110-30-5,102184-95-2,5743-04-4,7790-84-3,35658-65-2,21328-74-5,15244-35-6,89759-80-8,10326-28-0,654054-66-7,13464-92-1,10022-68-1,7790-78-5,79490-00-9,14518-94-6,72828-62-7,592-02-9,[-1,71599-06-9,76835-97-7,116854-17-2,116920-59-3,10060-09-0,105034-60-4,14429-85-7,15276-40-1,16593-57-0,18532-58-6,21360-94-1,28041-77-2,28302-54-7,30623-04-2,55425-74-6,28038-18-8,28038-25-7,32593-99-0,34345-39-6,38386-25-3,77289-75-9,13477-20-8,13477-21-9,13477-22-0,13760-37-7,14520-70-8,15600-62-1,16984-36-4,17033-07-7,17329-48-5,18532-52-0,19262-93-2,22465-18-5,25685-75-0,29736-89-8,30363-28-1,37131-86-5,68441-39-4,68784-58-7,68876-90-4,68954-18-7,69011-70-7,69029-89-6,70206-08-5,72275-93-5,72589-96-9,72869-26-2,79990-52-6,85688-00-2,87835-30-1,14486-19-2,14566-86-0,14689-45-3,1345-09-1,2191-10-8,2223-93-0,2420-97-5,2420-98-6,2605-44-9,2847-16-7,3026-22-0,4167-05-9,4390-97-0,4464-23-7,4476-04-4,5112-16-3,6427-86-7,7058-55-1,7440-43-9,7789-42-6,7790-79-6,7790-80-9,7790-81-0,7790-83-2,7790-85-4,8048-07-5,10108-64-2,10124-36-4,10196-67-5,10325-94-7,10468-30-1,11112-63-3,11129-14-9,12006-15-4,12014-14-1,12014-28-7,12014-29-8,12139-23-0,12185-64-7,12187-14-3,12214-12-9,12292-07-8,12442-27-2,12626-36-7,12656-57-4,13477-17-3,13477-19-5,13477-23-1,63400-09-9,64681-08-9,865-38-3,1191-79-3,1306-19-0,1306-23-6,1306-24-7,1306-25-8,141-00-4,506-82-1,513-78-0,542-83-6,543-90-8,814-88-0,13701-66-1,13755-33-4,13814-59-0,13814-62-5,13832-25-2,13847-17-1,13972-68-4,14017-36-8,14067-62-0,14239-68-0,14312-00-6,14402-75-6	Entry23 in plastic materials and paints	Plastic material: In the concentration of cadmium (expressed as Cd metal) is equal to or above 0.01wt% by weight Paints with TARIC codes [3208] [3209]: In the concentration of cadmium (expressed as Cd metal) is equal to or above 0.01wt% Paints with TARIC codes [3208] [3209] and a zinc content exceeding 10% by weight: In the concentration of cadmium (expressed as Cd metal) is equal to or above 0.1wt% Molded articles painted with paints: In the concentration of cadmium (expressed as Cd metal) is equal to or above 0.1wt%	Not applicable
RE-6	REACH Regulations ANNEXXVII (restriced substances)	All parts	Monomethyl-tetrachlorodiphenyl methane Trade name: Ugilec 141	76253-60-6	Entry24 in all parts and materials	—	Not applicable
RE-7	REACH Regulations ANNEXXVII (restriced substances)	All parts	Monomethyl-dichloro-diphenyl methane Trade name: Ugilec 121, Ugilec 21	—	Entry25 in all parts and materials	—	Not applicable
RE-8	REACH Regulations ANNEXXVII (restriced substances)	All parts	Monomethyl-dibromo-diphenyl methane bromobenzylbromotoluene, mixture of isomers Trade name: DBST	99688-47-8	Entry26	—	Not applicable
RE-9	REACH Regulations ANNEXXVII (restriced substances)	All parts	Diphenylether, octabromo derivative C12H28Br80	—	Entry45 in all parts and materials	0.1wt%	Not applicable

Prohibited Substances

	Laws and regulations	Applicable parts	Prohibited substance name	CAS number	Restricted use (Controlled target use)	Threshold(ppm)	Exemption (Applicable exemption)
RE-10	REACH Regulations ANNEXXVII (restricted substances)	All parts	The following phthalates (or other CAS and EC numbers covering the substance) (See group members)	(a)117-81-7 (b)84-74-2 (c)85-68-7 (d)84-69-5	Entry51 Plasticizer materials (plastic)	In a concentration equal to or above 0.1wt% (total)	Not applicable
RE-11	REACH Regulations ANNEXXVII (restricted substances)	All parts	Dimethylfumarate (DMF)	624-49-7	Entry61 in all parts and materials	0.1mg/kg	Not applicable
RE-12	REACH Regulations ANNEXXVII (restricted substances)	All parts	(a)Phenylmercury acetate (b)Phenylmercury propionate (c)Phenylmercury 2-ethylhexanoate (d)Phenylmercury octanoate (e)Phenylmercury neodecanoate	(a)62-38-4 (b)103-27-5 (c)13302-00-6 (d)13864-38-5 (e)26545-49-3	Entry62 in all parts and materials	In the concentration of mercury is equal to or above 0.01wt%	Not applicable
RE-13	REACH Regulations ANNEXXVII (restricted substances)	All parts	Inorganic ammonium salts	—	Entry65 Cellulose insulation material part	The emission of ammonia is equal to or above 3 ppm (2.12 mg/m3) by volume	Not applicable
RE-14	REACH Regulations ANNEXXVII (restricted substances)	All parts	4,4'-isopropylidenediphenol Bisphenol A/ BPA	80-05-7	Entry66 Thermal paper	In a concentration equal to above 0.02wt%	Not applicable
RE-15	REACH Regulations ANNEXXVII (restricted substances)	All parts	C9-C14 linear and/or branched perfluorocarboxylic acids (C9-C14 PFCAs), their salts and C9-C14 PFCAs-related substances, perfluorononano-1-voic acid (PFNA); nonadecafluorodecanoic acid (PFDA); henicosafluorodecanoic acid (PFUnDA); tricosafafluorodecanoic acid (PFTrDA); pentacosafafluorotridecanoic acid (PFPTrDA); heptacosafafluorotetradecanoic acid (PFTrDA); including their salts and precursors	375-95-1, 335-76-2, 058-94-8, 307-55-1, 72629-94-8, 376-06-7	Entry68 in all parts, materials	C9-C14 PFCA, and its salt : Total amount 0.025ppm or more C9-C14 PFCA related substances : Total amount 0.26ppm or more	Not applicable
RE-16	REACH Regulations ANNEXXVII (restricted substances)	PVC material in all parts	Lead and its compounds	-	Entry 63 All parts made of PVC	1000	Molded parts subject to RoHS Directive. Molded parts subject to Waste Packaging Directive
Me-1	Act on Preventing Mercury Pollution of the Environment	All parts	Mercury and mercury compounds	7439-97-6, 1344-48-5,7487-94-7, 7783-35-9, 10045-94-0, 21908-53-2, 33631-63-9	—	No intentional addition	Not applicable
La-1	Industrial Safety and Health Act Prohibited substances to manufacture	All parts	White phosphorus	12185-10-3	—	—	Not applicable
La-2	Industrial Safety and Health Act Prohibited substances to manufacture	All parts	Benzidine and its salt	92-87-5	—	10000	Not applicable
La-3	Industrial Safety and Health Act Prohibited substances to manufacture	All parts	4-Aminodiphenyl and its salts	92-67-1	—	10000	Not applicable
La-4	Industrial Safety and Health Act Prohibited substances to manufacture	All parts	Asbestos	1332-21-4,12001-28-4,12001-29-5, 12172-73-5, 13768-00-8, 14567-73-8, 17068-78-9,77536-66-4,77536-67-5, 77536-68-6	—	1000	Asbestos (Excluding the following items specified by Order of the Ministry of Health, Labour and Welfare) a) asbestos used as a sample for analysis of asbestos; b) Asbestos provided for the purpose of education for the acquisition of knowledge or skills concerning the investigation of the use of asbestos c) Asbestos used as a raw material or material for the substances listed in (a) or (b)
La-5	Industrial Safety and Health Act Prohibited substances to manufacture	All parts	4-nitrodiphenyl and its salts	92-93-3	—	10000	Not applicable
La-6	Industrial Safety and Health Act Prohibited substances to manufacture	All parts	Bis (chloromethyl) ether	542-88-1	—	10000	Not applicable
La-7	Industrial Safety and Health Act Prohibited substances to manufacture	All parts	3-Naphthylamine and its salt	91-59-8	—	10000	Not applicable
La-8	Industrial Safety and Health Act Prohibited substances to manufacture	All parts	A rubber paste containing benzene	71-43-2	—	—	Not applicable
CS-1	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	Polychlorinated biphenyl	1336-36-3,2051-24-3,108145-39-7,109328-45-2,109328-46-3,11096-82-5,11097-69-1,11104-28-2,111276-74-5,111276-75-6,111276-76-7,111276-77-8,111276-78-9,111276-79-0,111276-80-3,111276-81-4,111276-82-5,111276-83-6,11141-16-5,12672-29-6,12674-11-2,13029-08-8,151262-31-6,151262-32-7,151262-34-9,151262-35-0,153153-43-6,153153-44-7,153153-45-8,153153-46-9,153153-47-0,153153-48-1,153153-49-2,153153-50-5,15862-07-4,159000-96-1,159000-97-2,15968-05-5,16605-91-7,16606-02-3,176914-46-8,176914-47-9,176914-48-0,176914-49-1,177020-15-4,177020-16-5,179678-26-3,179678-27-4,179678-28-5,179678-29-6,179678-30-9,179678-31-0,179678-32-1,179678-33-2,18259-05-7,2050-67-1,2050-68-2,2051-60-7,2051-61-8,2051-62-9,205991-67-9,205991-68-0,205991-69-1,205991-70-4,207004-27-1,207004-28-2,207004-29-3,207004-30-6,207004-31-7,207004-32-8,207004-33-9,207004-34-0,207004-35-1,207004-36-2,2136-99-4,228420-06-2,228420-07-3,2437-79-8,25323-68-6,25429-29-2,25512-42-9,25569-80-6,26601-64-9,26914-33-0,27323-18-8,28655-71-2,2974-90-5,2974-92-7,30605-61-9,31472-83-0,31508-00-6,32598-10-0,32598-11-1,32598-12-2,32598-13-3,32598-14-4,32690-93-0,32774-16-6,33025-41-1,33039-81-5,33091-17-7,33146-45-1,33284-50-3,33284-52-5,33284-53-6,33284-54-7,33979-03-2,34883-39-1,34883-41-5,34883-43-7,35065-27-1,35065-28-2,35065-29-3,35065-30-6,35693-92-6,35693-99-3,35694-04-3,35694-06-5,35694-08-7,3659-22-5,37680-65-2,37680-66-3,37680-68-5,37680-69-6,37680-73-2,38379-99-6,38380-01-7,38380-02-8,38380-03-9,38380-04-0,38380-05-1,38380-07-3,38380-08-4,38411-22-2,38411-25-5,38444-73-4,38444-76-7,38444-77-8,38444-78-9,38444-81-4,38444-84-7,38444-85-8,38444-86-9,38444-87-0,38444-88-1,38444-90-5,38444-93-8,39485-83-1,39635-31-9,39635-32-0,39635-33-1,39635-34-2,39635-35-3,40186-70-7,40186-71-8,40186-72-9,41411-61-4,41411-62-5,41411-63-6,41411-64-7,41464-39-5,41464-40-8,41464-41-9,41464-42-0,41464-43-1,41464-46-4,41464-47-5,41464-48-6,41464-49-7,41464-51-1,42740-50-1,51908-16-8,52663-58-8,52663-59-9,52663-60-2,52663-61-3,52663-62-4,52663-63-5,52663-64-6,52663-65-7,52663-66-8,52663-67-9,52663-68-0,52663-69-1,52663-70-4,52663-71-5,52663-72-6,52663-73-7,52663-74-8,52663-75-9,52663-76-0,52663-77-1,52663-78-2,52663-79-3,52704-70-8,52712-04-6,52712-05-7,52744-13-5,53469-21-9,53555-66-1,53742-07-7,54230-22-7,55215-17-3,55215-18-4,55312-69-1,55702-45-9,55702-46-0,55712-37-3,55720-44-0,55722-26-4,56030-56-9,56558-16-8,56558-17-9,56558-18-0,57465-28-8,59291-64-4,59291-65-5,60145-20-2,60145-21-3,60145-22-4,60145-23-5,60233-24-1,60233-25-2,61798-70-7,62461-62-5,62796-65-0,65510-44-3,65510-45-4,68194-04-7,68194-05-8,68194-06-9,68194-07-0,68194-08-1,68194-09-2,68194-10-5,68194-11-6,68194-12-7,68194-13-8,68194-14-9,68194-15-0,68194-16-1,68194-17-2,68527-02-6,69782-90-7,69782-91-8,7012-37-5,70362-41-3,70362-45-7,70362-46-8,70362-47-9,70362-48-0,70362-49-1,70362-50-4,70424-67-8,70424-68-9,70424-69-0,70424-70-3,73575-52-7,73575-53-8,73575-54-9,73575-55-0,73575-56-1,73575-57-2,74338-23-1,74338-24-2,74472-33-6,74472-34-7,74472-35-8,74472-36-9,74472-37-0,74472-38-1,74472-39-2,74472-40-5,74472-41-6,74472-42-7,74472-43-8,74472-44-9,74472-45-0,74472-46-1,74472-47-2,74472-48-3,74472-49-4,74472-50-7,74472-51-8,74472-52-9,74472-53-0,74487-85-7,7497-08-7,76842-07-4,94487-00-0,97122-18-4,97122-20-8,99554-08-2,99554-09-3,99554-10-6,99554-11-7,99554-12-8,99554-13-9	—	—	Not applicable
CS-2	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	Napthalene, chloro derivs.	1321-64-8,1321-65-9,1335-87-1,1335-88-2,1825-30-5,1825-31-6,2050-69-3,2050-72-8,2050-73-9,2050-74-0,2050-75-1,2065-70-5,2198-75-6,2198-77-8,2234-13-1,2437-54-9,2437-55-0,3432-57-3,6529-87-9,6733-54-6,17062-87-2,20020-02-4,28699-88-9,31604-28-1,32241-08-0,34588-40-4,50402-51-2,50402-52-3,51570-43-5,51570-44-6,51570-45-7,53555-63-8,53555-64-9,53555-65-0,55720-33-7,55720-34-8,55720-35-9,55720-36-0,55720-37-1,55720-38-2,55720-39-3,55720-40-6,55720-41-7,55720-42-8,55720-43-9,58863-14-2,58863-15-3,58877-88-6,67922-21-8,67922-22-9,67922-23-0,67922-24-1,67922-25-2,67922-26-3,67922-27-4,70776-03-3,90948-28-0,103426-92-2,103426-93-3,103426-94-4,103426-95-5,103426-96-6,103426-97-7,149864-78-8,149864-79-9,149864-80-2,149864-81-3,149864-82-4,150205-21-3,150224-15-0,150224-16-1,150224-17-2,150224-18-3,150224-19-4,150224-20-7,150224-21-8,150224-22-9,150224-23-0,150224-24-1,150224-25-2,25586-43-0,90-13-1,91-58-7	—	—	Not applicable
CS-3	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	HEXACHLOROBENZENE	118-74-1	—	—	Not applicable

Prohibited Substances

	Laws and regulations	Applicable parts	Prohibited substance name	CAS number	Restricted use (Controlled target use)	Threshold(ppm)	Exemption (Applicable exemption)
CS-4	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	ALDRIN	309-00-2	—	—	Not applicable
CS-5	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	DIELDRIN	60-57-1	—	—	Not applicable
CS-6	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	ENDRIN	72-20-8	—	—	Not applicable
CS-7	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	4,4'-DDT	50-29-3	—	—	Not applicable
CS-8	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	CHLORDANE	57-74-9,5103-71-9,12789-03-6 3734-48-3,5103-74-2,5566-34-7 76-44-8	—	—	Not applicable
CS-9	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	Bis(tributyltin) oxide (TBTO)	56-35-9	—	—	Not applicable
CS-10	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	DTPD OEKANAL (N N'-DITOLYLPARAPHENYLENE	620-91-7,15017-02-4,27417-40-9 28726-30-9,63302-32-9,63302-33-0 63302-48-7,67265-98-9,68478-45-5 70290-05-0,76154-76-2	—	—	Not applicable
CS-11	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	2,4,6-Tri-tert-butylphenol	732-26-3	—	—	Not applicable
CS-12	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	TOXAPHENE	8001-35-2	—	—	Not applicable
CS-13	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	MIREX	2385-85-5	—	—	Not applicable
CS-14	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	Dicofol	115-32-2	—	—	Not applicable
CS-15	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	Hexachloro-1,3-butadiene	87-68-3	—	—	Not applicable
CS-16	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	2-(2H-1,2,3-Benzotriazol-2-yl)-4,6-di-tert-butylphenol	3846-71-7	—	—	Not applicable
CS-17	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	HEPTADEC AFLUORO OCTANESULFONIC ACID	1763-23-1,2795-39-3,4021-47-0,29081-56-9,29457-72-5,56773-42-3,70225-14-8,71463-74-6,91036-71-4,251099-16-8,4151-50-2,31506-32-8 1691-99-2,24448-09-7,127133-66-8,129813-71-4,13417-01-1,14650-24-9,148240-78-2,148684-79-1,160901-25-7,1652-63-7,178094-69-4,178535-22-3,182700-90-9,1869-77-8,192662-29-6,2250-98-8,2263-09-4,24924-36-5,25268-77-3,29117-08-6,2991-50-6,2991-51-7,30295-51-3,30381-98-7,306973-46-6,306973-47-7,306974-19-6,306974-28-7,306974-45-8,306974-63-0,306975-56-4,306975-57-5,306975-62-2,306975-84-8,306975-85-9,306976-25-0,306976-55-6,306977-58-2,306978-04-1,306978-65-4,306979-40-8,306980-27-8,376-14-7,38006-74-5,3820-83-5,383-07-3,3871-50-9,423-82-5,423-86-9,45298-90-6,50598-29-3,52550-45-5,57589-85-2,58920-31-3,61577-14-8,61660-12-6,67939-42-8,67939-88-2,67969-69-1,68081-83-4,68239-73-6,68298-11-3,68310-75-8,68329-56-6,68541-80-0,68555-90-8,68555-91-9,68555-92-0,68608-14-0,68649-26-3,68867-60-7,68877-52-7,68891-96-3,68909-15-9,68958-61-2,70776-36-2,71463-78-0,71463-80-4,71487-20-2,754-91-6,91081-99-1,92265-81-1,94133-90-1,94313-84-5,98999-97-6,	—	—	Not applicable
CS-18	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	Perfluoro-1-octanesulfonyl fluoride	307-35-7	—	—	Not applicable
CS-19	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	PENTACHLORO BENZENE	608-93-5	—	—	Not applicable
CS-20	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	ALPHA-HCH	319-84-6	—	—	Not applicable
CS-21	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	BETA-HCH	319-85-7	—	—	Not applicable
CS-22	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	LINDANE	58-89-9	—	—	Not applicable
CS-23	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	KEPONE (TM)	143-50-0	—	—	Not applicable
CS-24	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	HEXABROMOBIPHENYL	36355-01-8,113264-50-5,119264-51-6,119264-52-7,119264-53-8,120991-47-1,120991-48-2,144978-87-0,144978-88-1,36402-15-0,55066-76-7,59080-40-9,59261-08-4,60044-26-0,67888-98-6,67888-99-7,69278-59-7,77607-09-1,81381-52-4,82865-89-2,82865-90-5,82865-91-6,84303-47-9,84303-48-0	—	—	Not applicable
CS-25	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	diphenyl ether, tetrabromo derivative	5436-43-1,40088-47-9,93703-48-1 103173-66-6	—	—	Not applicable
CS-26	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	Pentabromodiphenyl ether	32534-81-9,60348-60-9,189084-65-9 182346-21-0,189084-64-8	—	—	Not applicable
CS-27	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	2,2',4,4',5,5'-HEXABROMODIPHENYL ETHER 2,2',4,4',5,6'-HEXABROMODIPHENYL ETHER	31153-30-7,35854-94-5,36483-60-0 68631-49-2,116995-33-6,207122-15-4	—	—	Not applicable
CS-28	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	PBDE 175 2,2',3,4,4',5',6-Heptabromodiphenyl Ether	68928-80-3,116995-32-5,117948-63-7 207122-16-5,446255-22-7,446255-30-7	—	—	Not applicable
CS-29	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	Thiosulfan Endosulfan I BETA-ENDOSULFAN	115-29-7,959-98-8,33213-65-9	—	—	Not applicable
CS-30	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	Hexabromocyclododecane	3194-55-6,4736-49-6,25637-99-4,65701-47-5,134237-50-6,134237-51-7,134237-52-8,138257-17-7,138257-18-8,138257-19-9,169102-57-2,678970-15-5,678970-16-6,678970-17-7,22374-57-8,23774-70-1	—	—	Not applicable
CS-31	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	Pentachlorophenol	87-76-3, 87-86-5, 131-52-2,2917-31-9, 2917-32-0, 3644-38-0,3772-94-9,5902-76-1,7778-73-6,10443-46-6,13673-51-3,13673-53-5 13673-54-6,23234-97-1,27735-63-3,27735-64-4,28990-85-4,32978-79-3,35109-57-0,36994-69-1,50654-95-0,55593-07-2,55868-72-9,67246-71-3,90640-52-1,91080-93-2,98219-40-0,98219-41-1,1825-21-4,123333-54-0	—	— (Except for non-intentional contain of less than 5ppm. For the above threshold, adapted the threshold of POPs regulations)	Not applicable
CS-32	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	Polychlorinated normal paraffin (It is limited that the number of carbon is 10 to 13 and the content of chlorine is more than 48% of the total weight.)	18993-26-5,36312-81-9,61788-76-9,63449-39-8,63981-28-2,68920-70-7,68938-43-2,71011-12-6,84082-38-2,84776-06-7,85422-92-0,85535-84-8,85536-22-7,85681-73-8,97553-43-0,97659-46-6,104948-36-9,108171-26-2,219697-10-6,219697-11-7,221174-07-8,276673-33-7,601523-20-0,601523-25-5,866758-65-8,51990-12-6,	—	—	Not applicable
CS-33	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	Decabromodiphenyl oxide	1163-19-5	—	—	Not applicable
CS-34	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds	—	—	— (Except for non-intentional contain below, PFOA and its salts : 0.025ppm or less. PFOA related substances : Total 1ppm or less, for the above threshold, adapted the threshold of POPs regulations)	Not applicable

Prohibited Substances

	Laws and regulations	Applicable parts	Prohibited substance name	CAS number	Restricted use (Controlled target use)	Threshold(ppm)	Exemption (Applicable exemption)
CS-35	Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substances	All parts	PFHxS, its isomers or their salts	—	—	— (Except for non-intentional contain below, PFHxS and its salts : 0.025ppm or less. PFHxS related substances : Total 1ppm or less, for the above threshold, adapted the threshold of POPs regulations)	Not applicable
PO-1	POPs Treaty	All parts	Polychlorinated biphenyl	1336-36-3, 2051-24-3, 108145-39-7, 109328-45-2, 109328-46-3, 11096-82-5, 11097-69-1, 11104-28-2, 111276-74-5, 111276-75-6, 111276-76-7, 111276-77-8, 111276-78-9, 111276-79-0, 111276-80-3, 111276-81-4, 111276-82-5, 111276-83-6, 11141-16-5, 12672-29-6, 12674-11-2, 13029-08-8, 151262-31-6, 151262-32-7, 151262-34-9, 151262-35-0, 153153-43-6, 153153-44-7, 153153-45-8, 153153-46-9, 153153-47-0, 153153-48-1, 153153-49-2, 153153-50-5, 15862-07-4, 159000-96-1, 159000-97-2, 15968-05-5, 16605-91-7, 16606-02-3, 176914-46-8, 176914-47-9, 176914-48-0, 176914-49-1, 177020-15-4, 177020-16-5, 179678-26-3, 179678-27-4, 179678-28-5, 179678-29-6, 179678-30-9, 179678-31-0, 179678-32-1, 179678-33-2, 18259-05-7, 2050-67-1, 2050-68-2, 2051-60-7, 2051-61-8, 2051-62-9, 205991-67-9, 205991-68-0, 205991-69-1, 205991-70-4, 207004-27-1, 207004-28-2, 207004-29-3, 207004-30-6, 207004-31-7, 207004-32-8, 207004-33-9, 207004-34-0, 207004-35-1, 207004-36-2, 2136-99-4, 228420-06-2, 228420-07-3, 2437-79-8, 25323-68-6, 25429-29-2, 25512-42-9, 25569-80-6, 26601-64-9, 26914-33-0, 27323-18-8, 28655-71-2, 2974-90-5, 2974-92-7, 30605-61-9, 31472-83-0, 31508-00-6, 32598-10-0, 32598-11-1, 32598-12-2, 32598-13-3, 32598-14-4, 32690-93-0, 32774-16-6, 33025-41-1, 33039-81-5, 33091-17-7, 33146-45-1, 33284-50-3, 33284-52-5, 33284-53-6, 33284-54-7, 33979-03-2, 34883-39-1, 34883-41-5, 34883-43-7, 35065-27-1, 35065-28-2, 35065-29-3, 35065-30-6, 35693-92-6, 35693-99-3, 35694-04-3, 35694-06-5, 35694-08-7, 36559-22-5, 37680-65-2, 37680-66-3, 37680-68-5, 37680-69-6, 37680-73-2, 38379-99-6, 38380-01-7, 38380-02-8, 38380-03-9, 38380-04-0, 38380-05-1, 38380-07-3, 38380-08-4, 38411-22-2, 38411-25-5, 38444-73-4, 38444-76-7, 38444-77-8, 38444-78-9, 38444-81-4, 38444-84-7, 38444-85-8, 38444-86-9, 38444-87-0, 38444-88-1, 38444-90-5, 38444-93-8, 39485-83-1, 39635-31-9, 39635-32-0, 39635-33-1, 39635-34-2, 39635-35-3, 40186-70-7, 40186-71-8, 40186-72-9, 41411-61-4, 41411-62-5, 41411-63-6, 41411-64-7, 41464-39-5, 41464-40-8, 41464-41-9, 41464-42-0, 41464-43-1, 41464-46-4, 41464-47-5, 41464-48-6, 41464-49-7, 41464-51-1, 42740-50-1, 51908-16-8, 52663-58-8, 52663-59-9, 52663-60-2, 52663-61-3, 52663-62-4, 52663-63-5, 52663-64-6, 52663-65-7, 52663-66-8, 52663-67-9, 52663-68-0, 52663-69-1, 52663-70-4, 52663-71-5, 52663-72-6, 52663-73-7, 52663-74-8, 52663-75-9, 52663-76-0, 52663-77-1, 52663-78-2, 52663-79-3, 52704-70-8, 52712-04-6, 52712-05-7, 52744-13-5, 53469-21-9, 53555-66-1, 53742-07-5, 54230-22-7, 55215-17-3, 55215-18-4, 55312-69-1, 55702-45-9, 55702-46-0, 55712-37-3, 55720-44-0, 55722-26-4, 56030-56-9, 56558-16-8, 56558-17-9, 56558-18-0, 57465-28-8, 59291-64-4, 59291-65-5, 60145-20-2, 60145-21-3, 60145-22-4, 60145-23-5, 60233-24-1, 60233-25-2, 61798-70-7, 62461-62-5, 62796-65-0, 65510-44-3, 65510-45-4, 68194-04-7, 68194-05-8, 68194-06-9, 68194-07-0, 68194-08-1, 68194-09-2, 68194-10-5, 68194-11-6, 68194-12-7, 68194-13-8, 68194-14-9, 68194-15-0, 68194-16-1, 68194-17-2, 68527-02-6, 69782-90-7, 69782-91-8, 7012-37-5, 70362-41-3, 70362-45-7, 70362-46-8, 70362-47-9, 70362-48-0, 70362-49-1, 70362-50-4, 70424-67-8, 70424-68-9, 70424-69-0, 70424-70-3, 73575-52-7, 73575-53-8, 73575-54-9, 73575-55-0, 73575-56-1, 73575-57-2, 74338-23-1, 74338-24-2, 74472-33-6, 74472-34-7, 74472-35-8, 74472-36-9, 74472-37-0, 74472-38-1, 74472-39-2, 74472-40-5, 74472-41-6, 74472-42-7, 74472-43-8, 74472-44-9, 74472-45-0, 74472-46-1, 74472-47-2, 74472-48-3, 74472-49-4, 74472-50-7, 74472-51-8, 74472-52-9, 74472-53-0, 74487-85-7, 7497-08-7, 76842-07-4, 94487-00-0, 97122-18-4, 97122-20-8, 99554-08-2, 99554-09-3, 99554-10-6, 99554-11-7, 99554-12-8, 99554-13-9	—	—	Not applicable
PO-2	POPs Treaty	All parts	Naphthalene, chloro derivs.	1321-64-8, 1321-65-9, 1335-87-1, 1335-88-2, 1825-30-5, 1825-31-6, 2050-69-3, 2050-72-8, 2050-73-9, 2050-74-0, 2050-75-1, 2065-70-5, 2198-75-6, 2198-77-8, 2234-13-1, 2437-54-9, 2437-55-0, 3432-57-3, 6529-87-9, 6733-54-6, 17062-87-2, 20020-02-4, 28699-88-9, 31604-28-1, 32241-08-0, 34588-40-4, 50402-51-2, 50402-52-3, 51570-43-5, 51570-44-6, 51570-45-7, 53555-63-8, 53555-64-9, 53555-65-0, 55720-33-7, 55720-34-8, 55720-35-9, 55720-36-0, 55720-37-1, 55720-38-2, 55720-39-3, 55720-40-6, 55720-41-7, 55720-42-8, 55720-43-9, 58863-14-2, 58863-15-3, 58877-88-6, 67922-21-8, 67922-22-9, 67922-23-0, 67922-24-1, 67922-25-2, 67922-26-3, 67922-27-4, 70776-03-3, 90948-28-0, 103426-92-2, 103426-93-3, 103426-94-4, 103426-95-5, 103426-96-6, 103426-97-7, 149864-78-8, 149864-79-9, 149864-80-2, 149864-81-3, 149864-82-4, 150205-21-3, 150224-15-0, 150224-16-1, 150224-17-2, 150224-18-3, 150224-19-4, 150224-20-7, 150224-21-8, 150224-22-9, 150224-23-0, 150224-24-1, 150224-25-2, 25586-43-0, 90-13-1, 91-58-7	—	—	Not applicable
PO-3	POPs Treaty	All parts	HEXACHLOROBENZENE	118-74-1	—	—	Not applicable
PO-4	POPs Treaty	All parts	ALDRIN	309-00-2	—	—	Not applicable
PO-5	POPs Treaty	All parts	DELDRIN	60-57-1	—	—	Not applicable
PO-6	POPs Treaty	All parts	ENDRIN	72-20-8	—	—	Not applicable
PO-7	POPs Treaty	All parts	4,4'-DDT	50-29-3	—	—	Not applicable
PO-8	POPs Treaty	All parts	CHLORDANE	57-74-9, 5103-71-9, 12789-03-6 3734-48-3, 5103-74-2, 5566-34-7 76-44-8	—	—	Not applicable
PO-9	POPs Treaty	All parts	Bis(tributyltin) oxide (TBTO)	56-35-9	—	—	Not applicable
PO-10	POPs Treaty	All parts	DTPD OERANAL (N N'-DITOLYLPARAPHENYLENE	620-91-7, 15017-02-4, 27417-40-9 28726-30-9, 63302-32-9, 63302-33-0 63302-48-7, 67265-98-9, 68478-45-5 70290-05-0, 76154-76-2	—	—	Not applicable
PO-11	POPs Treaty	All parts	2,4,6-Tri-tert-butylphenol	732-26-3	—	—	Not applicable
PO-12	POPs Treaty	All parts	TOXAPHENE	8001-35-2	—	—	Not applicable
PO-13	POPs Treaty	All parts	MIREX	2385-85-5	—	—	Not applicable
PO-14	POPs Treaty	All parts	Dicofol	115-32-2	—	—	Not applicable
PO-15	POPs Treaty	All parts	Hexachloro-1,3-butadiene	87-68-3	—	—	Not applicable
PO-16	POPs Treaty	All parts	2-(2H-1,2,3-Benzotriazol-2-yl)-4,6-di-tert-butylphenol	3846-71-7	—	—	Not applicable
PO-17	POPs Treaty	All parts	HEPTADEC AFLUORO OCTANESULFONIC ACID	1763-23-1, 2795-39-3, 4021-47-0, 29081-56-9, 29457-72-5, 56773-42-3, 70225-14-8, 71463-74-6, 91036-71-4, 251099-16-8, 4151-50-2, 31506-32-8 1691-99-2, 24448-09-7, 127133-66-8, 129813-71-4, 13417-01-1, 14650-24-9, 148240-78-2, 148684-79-1, 160901-25-7, 1652-63-7, 178094-69-4, 178535-22-3, 182700-90-9, 1869-77-8, 192662-29-6, 2250-98-8, 2263-09-4, 24924-36-5, 25268-77-3, 29117-08-6, 2991-50-6, 2991-51-7, 30295-51-3, 30381-98-7, 306973-46-6, 306973-47-7, 306974-19-6, 306974-28-7, 306974-45-8, 306974-63-0, 306975-56-4, 306975-57-5, 306975-62-2, 306975-84-8, 306975-85-9, 306976-25-0, 306976-55-6, 306977-58-2, 306978-04-1, 306978-65-4, 306979-40-8, 306980-27-8, 376-14-7, 38006-74-5, 3820-83-5, 383-07-3, 3871-50-9, 423-82-5, 423-86-9, 45298-90-6, 50598-29-3, 52550-45-5, 57589-85-2, 58920-31-3, 61577-14-8, 61660-12-6, 67939-42-8, 67939-88-2, 67969-69-1, 68081-83-4, 68239-73-6, 68298-11-3, 68310-75-8, 68329-56-6, 68541-80-0, 68555-90-8, 68555-91-9, 68555-92-0, 68608-14-0, 68649-26-3, 68867-60-7, 68877-32-7, 68891-96-3, 68909-15-9, 68958-61-2, 70776-36-2, 71463-78-0, 71463-80-4, 71487-20-2, 754-91-6, 91081-99-1, 92265-81-1, 94133-90-1, 94313-84-5, 98999-57-6,	—	—	Not applicable
PO-18	POPs Treaty	All parts	Perfluoro-1-octanesulfonyl fluoride	307-35-7	—	—	Not applicable
PO-19	POPs Treaty	All parts	PENTACHLOROBENZENE	608-93-5	—	—	Not applicable
PO-20	POPs Treaty	All parts	ALPHA-HCH	319-84-6	—	—	Not applicable
PO-21	POPs Treaty	All parts	BETA-HCH	319-85-7	—	—	Not applicable
PO-22	POPs Treaty	All parts	LINDANE	58-89-9	—	—	Not applicable
PO-23	POPs Treaty	All parts	KEPONE (TM)	143-50-0	—	—	Not applicable
PO-24	POPs Treaty	All parts	HEXABROMOBIPHENYL	36355-01-8, 119264-50-5, 119264-51-6, 119264-52-7, 119264-53-8, 120991-47-1, 120991-48-2, 144978-87-0, 144978-88-1, 36402-15-0, 55066-76-7, 59080-40-9, 59261-08-4, 60044-26-0, 67888-98-6, 67888-99-7, 69278-59-7, 77607-09-1, 81381-52-4, 82865-89-2, 82865-90-5, 82865-91-6, 84303-47-9, 84303-48-0	—	—	Not applicable
PO-25	POPs Treaty	All parts	diphenyl ether, tetrabromo derivative	5436-43-1, 40088-47-9, 93703-48-1 103173-66-6	—	—	Not applicable
PO-26	POPs Treaty	All parts	Pentabromodiphenyl ether	32534-81-9, 60348-60-9, 189084-65-9 182346-21-0, 189084-64-8	—	—	Not applicable
PO-27	POPs Treaty	All parts	2,2',4,4',5,5'-HEXABROMODIPHENYL ETHER 2,2',4,4',5,6'-HEXABROMODIPHENYL ETHER	31153-30-7, 35854-94-5, 36483-60-0 68631-49-2, 116995-33-6, 207122-15-4	—	—	Not applicable
PO-28	POPs Treaty	All parts	PBDE 175 2,2',3,4,4',5',6'-Heptabromodiphenyl Ether	68928-80-3, 116995-32-5, 117948-63-7 207122-16-5, 446255-22-7, 446255-30-7	—	—	Not applicable
PO-29	POPs Treaty	All parts	Thiosulfan Endosulfan I BETA-ENDOSULFAN	115-29-7, 959-98-8, 33213-65-9	—	—	Not applicable

Prohibited Substances

	Laws and regulations	Applicable parts	Prohibited substance name	CAS number	Restricted use (Controlled target use)	Threshold(ppm)	Exemption (Applicable exemption)
PO-30	POPs Treaty	All parts	Hexabromocyclododecane	3194-55-6,4736-49-6,25637-99-4,65701-47-5,134237-50-6,134237-51-7,134237-52-8,138257-17-7,138257-18-8,138257-19-9,169102-57-2,678970-15-5,678970-16-6,678970-17-7,22374-57-8,23774-70-1	—	—	Not applicable
PO-31	POPs Treaty	All parts	Pentachlorophenol	87-76-3, 87-86-5, 131-52-2,2917-31-9, 2917-32-0, 3644-38-0,3772-94-9,5902-76-1,7778-73-6,10443-46-6,13673-51-3,13673-53-5 13673-54-6,23234-97-1,27735-63-3,27735-64-4,28990-85-4,32978-79-3,35109-57-0,36994-69-1,50654-95-0,55593-07-2,55868-72-9,67246-71-3,90640-52-1,91080-93-2,98219-40-0,98219-41-1,1825-21-4,123333-54-0	—	(Except for non-intentional contain of 5ppm or less. For the above threshold, adapted the threshold of POPs regulations)	Not applicable
PO-32	POPs Treaty	All parts	Polychlorinated normal paraffin (It is limited that the number of carbon is 10 to 13 and the content of chlorine is more than 48% of the total weight.)	18993-26-5,36312-81-9,61788-76-9,63449-39-8,63981-28-2,68920-70-7,68938-43-2,71011-12-6,84082-38-2,84776-06-7,85422-92-0,85535-84-8,85536-22-7,85681-73-8,97553-43-0,97659-46-6,104948-36-9,108171-26-2,219697-10-6,219697-11-7,221174-07-8,276673-33-7,601523-20-0,601523-25-5,866758-65-8,51990-12-6,	—	—	Not applicable
PO-33	POPs Treaty	All parts	Decabromodiphenyl oxide	1163-19-5	—	—	Not applicable
PO-34	POPs Treaty	All parts	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds	—	—	(Except for non-intentional contain below, PFOA and its salts : 0.025ppm or less. PFOA related substances : Total 1ppm or less, for the above threshold, adapted the threshold of POPs regulations)	Not applicable
PO-35	POPs Treaty	All parts	Perfluorohexanesulfonic acid (PFHxS), its salts and PFHxS-related compounds	—	—	(Except for non-intentional contain below, PFHxS and its salts : 0.025ppm or less. PFHxS related substances : Total 1ppm or less, for the above threshold, adapted the threshold of POPs regulations)	Not applicable
PO-36	POPs Treaty	All parts	Dechlorane Plus, its syn-isomer and its anti-isomer	13560-89-9,135821-03-3,135821-74-8	—	1	Not applicable *It may be changed depending on the regulatory situation.
PO-37	POPs Treaty	All parts	UV-328	25973-55-1	—	1	•Triacetyl cellulose (TAC) film in polarizers (until February 26, 2030) • Spare parts for non-IVD LCD displays (until 2044) • Spare parts for IVD LCD displays (until end of life) *It may be changed depending on the regulatory situation.
Nu-1	Regulation of Nuclear Source Material, Nuclear Fuel Material and Reactors	All parts	Radioactive substances	7440-29-1, 7440-61-1, 10043-92-2, 10045-97-3, 10098-97-2, 14596-10-2	—	—	Not applicable
Oz-1	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	trichlorofluoromethane(CFC11)	75-69-4	—		Not applicable
Oz-2	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Dichlorodifluoromethane (CFC12)	75-71-8	—		Not applicable
Oz-3	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Trichlorotrifluoroethane (CFC113)	76-13-1,26523-64-8,354-58-5	—		Not applicable
Oz-4	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Dichlorotetrafluoroethane (CFC 114)	76-14-2,1320-37-2,374-07-2	—		Not applicable
Oz-5	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	chloropentafluoroethane(CFC 115)	76-15-3	—		Not applicable
Oz-6	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Bromochlorodifluoromethane (Halon 1211)	353-59-3	—		Not applicable
Oz-7	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Bromotrifluoromethane (Halon1301)	75-63-8	—		Not applicable
Oz-8	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Dibromotetrafluoroethane(Halon 2402)	124-73-2,25497-30-7,27336-23-8	—		Not applicable
Oz-9	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Chlorotrifluoromethane (CFC13)	75-72-9	—		Not applicable
Oz-10	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Pentachlorofluoroethane(CFC 111)	354-56-3	—		Not applicable
Oz-11	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Tetrachlorodifluoroethane (CFC 112)	76-12-0,28605-74-5,76-11-9	—		Not applicable
Oz-12	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Heptachlorofluoropropane (CFC 211)	422-78-6,135401-87-5,422-81-1	—		Not applicable
Oz-13	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Hexachlorodifluoropropane (CFC 212)	3182-26-1,1645-71-2,661-96-1 76564-99-3	—		Not applicable
Oz-14	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Pentachlorotrifluoropropane (CFC 213)	2354-06-5,1599-43-5,1652-74-0 1652-89-7,2354-05-4,60285-54-3 134237-31-3	—		Not applicable
Oz-15	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	全ての部品	Tetrachlorotetrafluoropropane (CFC 214)	29255-31-0,2268-46-4	—		Not applicable
Oz-16	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Trichloropentafluoropropane (CFC 215)	1599-41-3,1652-81-9,28109-69-5 4259-43-2,76-17-5	—		Not applicable
Oz-17	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Dichlorohexafluoropropane (CFC 216)	661-97-2,1652-80-8,2729-28-4 42560-98-5,662-01-1	—		Not applicable
Oz-18	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	chloroheptafluoropropane (CFC 217)	422-86-6,76-18-6	—		Not applicable
Oz-19	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Carbon tetrachloride	56-23-5	—		Not applicable
Oz-20	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	1,1,1-trichloroethane	71-55-6	—		Not applicable
Oz-21	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Dichlorofluoromethane (HCFC 21)	75-43-4	—		Not applicable
Oz-22	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Chlorodifluoromethane (HCFC 22)	75-45-6	—		Not applicable
Oz-23	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Chlorofluoromethane (HCFC31)	593-70-4	—		Not applicable
Oz-24	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Tetrachlorofluoroethane (HCFC 121)	134237-32-4,354-11-0,354-14-3	—		Not applicable

Prohibited Substances

	Laws and regulations	Applicable parts	Prohibited substance name	CAS number	Restricted use (Controlled target use)	Threshold(ppm)	Exemption (Applicable exemption)
Oz-25	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Trichlorodifluoroethane (HCFC 122)	41834-16-6,354-21-2,354-15-4 354-12-1	—		Not applicable
Oz-26	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Dichlorotrifluoroethane (HCFC 123)	34077-87-7,306-83-2,354-23-4 812-04-4,90454-18-5	—		Not applicable
Oz-27	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	2,2-dichloro-1,1,1-trifluoroethane (HCFC 123)	34077-87-7,306-83-2,354-23-4 812-04-4,90454-18-5	—		Not applicable
Oz-28	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Chlorotetrafluoroethane (HCFC 124)	63938-10-3,2837-89-0,354-25-6	—		Not applicable
Oz-29	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	2-Chloro-1,1,1,2-tetrafluoroethane (HCFC 124)	63938-10-3,2837-89-0,354-25-6	—		Not applicable
Oz-30	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Trichlorofluoroethane (HCFC131)	27154-33-2,134237-34-6,2366-36-1 359-28-4,811-95-0	—		Not applicable
Oz-31	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Dichlorodifluoroethane (HCFC 132)	25915-78-0,1649-08-7,431-06-1 471-43-2,1842-05-3	—		Not applicable
Oz-32	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Chlorotrifluoroethane (HCFC133)	1330-45-6,421-04-5,431-07-2 75-88-7	—		Not applicable
Oz-33	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Dichlorofluoroethane (HCFC141)	25167-88-8,1717-00-6,430-57-9 430-53-5	—		Not applicable
Oz-34	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	1,1-Dichloro-1-fluoroethane (HCFC-141b)	1717-00-6	—		Not applicable
Oz-35	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Chlorodifluoroethane (HCFC142)	25497-29-4,338-65-8,338-64-7 55949-44-5,75-68-3	—		Not applicable
Oz-36	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	1-Chloro-1,1-difluoroethane (HCFC142b)	75-68-3	—		Not applicable
Oz-37	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Chlorofluoroethane (HCFC-151)	110587-14-9,762-50-5,1615-75-4	—		Not applicable
Oz-38	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Hexachlorofluoropropane (HCFC 221)	134237-35-7,29470-94-8,422-40-2 431-79-8	—		Not applicable
Oz-39	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Pentachlorodifluoropropane (HCFC 222)	134237-36-8,116867-32-4,422-49-1 431-82-3,422-26-4,422-30-0	—		Not applicable
Oz-40	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Tetrachlorotrifluoropropane (HCFC 223)	134237-37-9,29470-95-9,431-81-2 422-52-6,422-50-4	—		Not applicable
Oz-41	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Trichlorotetrafluoropropane (HCFC 224)	134237-38-0,422-54-8,422-53-7 422-51-5	—		Not applicable
Oz-42	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Dichloropentafluoropropane (HCFC 225)	127564-92-5,422-56-0,507-55-1 431-86-7,128903-21-9,422-48-0 422-44-6,13474-88-9,136013-79-1 111512-56-2	—		Not applicable
Oz-43	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC225ca)	422-56-0	—		Not applicable
Oz-44	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC225cb)	507-55-1	—		Not applicable
Oz-45	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Chlorohexafluoropropane (HCFC 226)	134308-72-8,28987-04-4,422-55-9 422-57-1,431-87-8	—		Not applicable
Oz-46	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Pentachlorofluoropropane (HCFC 231)	134190-48-0,421-94-3	—		Not applicable
Oz-47	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Tetrachlorodifluoropropane (HCFC 232)	134237-39-1,1112-14-7,127564-82-3 460-89-9,677-54-3,67879-59-8	—		Not applicable
Oz-48	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Trichlorotrifluoropropane (HCFC 233)	134237-40-4,131211-71-7,131221-36-8,421-99-8,61623-04-9,7125-84-0 7125-83-9	—		Not applicable
Oz-49	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Dichlorotetrafluoropropane (HCFC 234)	127564-83-4,422-00-4,64712-27-2 425-94-5	—		Not applicable
Oz-50	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Chloropentafluoropropane (HCFC 235)	134237-41-5,422-02-6,460-92-4 677-55-4	—		Not applicable
Oz-51	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Tetrachlorofluoropropane (HCFC 241)	134190-49-1,3175-25-5,3175-26-6 666-27-3,84816-05-7	—		Not applicable
Oz-52	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Trichlorodifluoropropane (HCFC 242)	134237-42-6,1112-05-6,1112-13-6 127564-90-3,460-63-9	—		Not applicable
Oz-53	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Dichlorotrifluoropropane (HCFC 243)	134237-43-7,338-75-0,460-69-5 67406-68-2,70192-70-0,7125-99-7 7126-01-4	—		Not applicable
Oz-54	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Chlorotetrafluoropropane (HCFC 244)	134190-50-4,117970-90-8,421-75-0 67406-66-0,679-85-6,134190-51-5	—		Not applicable
Oz-55	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Trichlorofluoropropane (HCFC 251)	3175-24-4,70192-89-1,7126-16-1 76937-36-5,818-99-5,134190-52-6 421-41-0	—		Not applicable
Oz-56	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Dichlorodifluoropropane (HCFC 252)	1112-01-2,1112-36-3,111483-26-2 121612-64-4,131404-17-6,70192-74-4 7126-15-0,819-00-1,82578-00-5 134237-44-8	—		Not applicable
Oz-57	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Chlorotrifluoropropane (HCFC 253)	121612-65-5,134251-05-1,421-47-6 460-35-5,56758-54-4,69202-10-4 70192-76-6,83124-56-5,134237-45-9	—		Not applicable
Oz-58	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Dichlorofluoropropane (HCFC261)	127404-11-9,420-97-3,453-01-0 7799-56-6,816-38-6,83124-60-1 134190-53-7	—		Not applicable
Oz-59	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Chlorodifluoropropane (HCFC262)	102738-79-4,37161-81-2,420-99-5 421-02-3,430-93-3,83124-57-6 134190-54-8	—		Not applicable
Oz-60	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Chlorofluoropropane (HCFC271)	20372-78-5,420-44-0,430-46-6 1868-53-7,430-55-7	—		Not applicable
Oz-61	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Dibromofluoromethane	1511-62-2	—		Not applicable
Oz-62	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Bromodifluoromethane (HBFC 22B1)	373-52-4	—		Not applicable
Oz-63	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Bromofluoromethane	306-80-9	—		Not applicable
Oz-64	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Tetrabromofluoroethane	353-97-9	—		Not applicable
Oz-65	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Tribromodifluoroethane	677-34-9,354-04-1	—		Not applicable
Oz-66	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Dibromotrifluoroethane	124-72-1	—		Not applicable
Oz-67	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Bromo tetrafluoroethane	30283-90-0,354-07-4,172912-75-3	—		Not applicable
Oz-68	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Tribromofluoroethane	598-67-4,75-82-1	—		Not applicable
Oz-69	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Dibromodifluoroethane	430-85-3,421-06-7	—		Not applicable
Oz-70	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Bromotrifluoroethane	358-97-4	—		Not applicable
Oz-71	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Dibromofluoroethane	420-47-3	—		Not applicable
Oz-72	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Bromodifluoroethane	1800-81-3,359-07-9,420-43-9 762-49-2	—		Not applicable

Prohibited Substances

	Laws and regulations	Applicable parts	Prohibited substance name	CAS number	Restricted use (Controlled target use)	Threshold(ppm)	Exemption (Applicable exemption)
Oz-73	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Bromofluoroethane (HBFC-151 B1)	958811-66-0	—		Not applicable
Oz-74	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Hexabromofluoropropane	958823-07-9	—		Not applicable
Oz-75	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Pentabromodifluoropropane	958807-65-3	—		Not applicable
Oz-76	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Tetrabromotrifluoropropane	666-48-8	—		Not applicable
Oz-77	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Tribromotetrafluoropropane	431-78-7	—		Not applicable
Oz-78	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Dibromopentafluoropropane	661-80-3, 70192-61-9, 2252-78-0	—		Not applicable
Oz-79	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Bromohexafluoropropane	2252-79-1, 958811-26-2	—		Not applicable
Oz-80	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Pentabromofluoropropane	148875-98-3	—		Not applicable
Oz-81	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Tetrabromodifluoropropane	431-48-1	—		Not applicable
Oz-82	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Tribromotrifluoropropane	421-90-9, 460-86-6	—		Not applicable
Oz-83	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Dibromotrifluoropropane	460-88-8	—		Not applicable
Oz-84	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Bromopentafluoropropane	422-01-5, 679-94-7, 148875-95-0	—		Not applicable
Oz-85	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Tetrabromofluoropropane	70192-80-2	—		Not applicable
Oz-86	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Tribromodifluoropropane	431-21-0	—		Not applicable
Oz-87	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Dibromotrifluoropropane	110003-27-5, 70192-73-3, 70192-83-5 679-84-5	—		Not applicable
Oz-88	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Bromo tetrafluoropropane	70192-71-1, 70192-84-6, 75372-14-4	—		Not applicable
Oz-89	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Tribromofluoropropane	460-25-3	—		Not applicable
Oz-90	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Dibromodifluoropropane	421-46-5	—		Not applicable
Oz-91	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Bromotrifluoropropane	460-32-2, 70192-75-5, 70192-85-7 51584-26-0	—		Not applicable
Oz-92	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Dibromofluoropropane	420-98-4	—		Not applicable
Oz-93	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Bromodifluoropropane	111483-20-6, 1871-72-3	—		Not applicable
Oz-94	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Bromofluoropropane	352-91-0	—		Not applicable
Oz-95	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Bromochloromethane	74-97-5	—		Not applicable
Oz-96	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Specified Substances)	All parts	Methylbromide	74-83-9	—		Not applicable
Oz-97	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Substitutes for Specified Substances)	All parts	1,1,2,2-Tetrafluoroethane (HFC-134)	359-35-3	—		Not applicable
Oz-98	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Substitutes for Specified Substances)	All parts	1,1,1,2-Tetrafluoroethane (HFC-134a)	811-97-2	—		Not applicable
Oz-99	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Substitutes for Specified Substances)	All parts	1,1,2-Trifluoroethane (HFC-143)	430-66-0	—		Not applicable
Oz-100	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Substitutes for Specified Substances)	All parts	1,1,1,3,3-Pentafluoropropane (HFC-245fa)	460-73-1	—		Not applicable
Oz-101	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Substitutes for Specified Substances)	All parts	1,1,1,3,3-Pentafluorobutane (HFC-365mfc)	406-58-6	—		Not applicable
Oz-102	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Substitutes for Specified Substances)	All parts	1,1,1,2,3,3,3-Heptafluoropropane (HFC-227ea)	431-89-0	—		Not applicable
Oz-103	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Substitutes for Specified Substances)	All parts	1,1,1,2,2,3-Hexafluoropropane (HFC-236cb)	677-56-5	—		Not applicable
Oz-104	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Substitutes for Specified Substances)	All parts	1,1,1,2,3,3-Hexafluoropropane (HFC-236ea)	431-63-0	—		Not applicable
Oz-105	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Substitutes for Specified Substances)	All parts	1,1,1,3,3,3-Hexafluoropropane (HFC-236fa)	690-39-1	—		Not applicable
Oz-106	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Substitutes for Specified Substances)	All parts	1,1,2,2,3-Pentafluoropropane (HFC-245ca)	679-86-7	—		Not applicable
Oz-107	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Substitutes for Specified Substances)	All parts	1,1,1,2,3,4,4,5,5,5-Decafluoropentane (HFC-43-10mee)	138495-42-8	—		Not applicable
Oz-108	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Substitutes for Specified Substances)	All parts	Difluoromethane (HFC-32)	75-10-5	—		Not applicable
Oz-109	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Substitutes for Specified Substances)	All parts	1,1,1,2,2-Pentafluoroethane (HFC-125)	354-33-6	—		Not applicable
Oz-110	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Substitutes for Specified Substances)	All parts	1,1,1-Trifluoroethane (HFC-143a)	420-46-2	—		Not applicable
Oz-111	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Substitutes for Specified Substances)	All parts	Fluoromethane (HFC-41)	593-53-3	—		Not applicable
Oz-112	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Substitutes for Specified Substances)	All parts	1,2-Difluoroethane (HFC-152)	624-72-6	—		Not applicable
Oz-113	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Substitutes for Specified Substances)	All parts	1,1-Difluoroethane (HFC-152a)	75-37-6	—		Not applicable
Oz-114	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures (Substitutes for Specified Substances)	All parts	Trifluoromethane (HFC-23)	75-46-7	—		Not applicable

Prohibited Substances

	Laws and regulations	Applicable parts	Prohibited substance name	CAS number	Restricted use (Controlled target use)	Threshold(ppm)	Exemption (Applicable exemption)
TS-1	Toxic Substances Control Act (TSCA) (USA)	Parts used for non-medical device	Polychlorinated Biphenyls (PCB)	1336-36-3,2051-24-3,108145-39-7,109328-45-2,109328-46-3,11096-82-5,11097-69-1,11104-28-2,111276-74-5,111276-75-6,111276-76-7,111276-77-8,111276-78-9,111276-79-0,111276-80-3,111276-81-4,111276-82-5,111276-83-6,11141-16-5,12672-29-6,12674-11-2,13029-08-8,151262-31-6,151262-32-7,151262-34-9,151262-35-0,153153-43-6,153153-44-7,153153-45-8,153153-46-9,153153-47-0,153153-48-1,153153-49-2,153153-50-5,15862-07-4,159000-96-1,159000-97-2,15968-05-5,16605-91-7,16606-02-3,176914-46-8,176914-47-9,176914-48-0,176914-49-1,177020-15-4,177020-16-5,179678-26-3,179678-27-4,179678-28-5,179678-29-6,179678-30-9,179678-31-0,179678-32-1,179678-33-2,18259-05-7,2050-67-1,2050-68-2,2051-60-7,2051-61-8,2051-62-9,205991-67-9,205991-68-0,205991-69-1,205991-70-4,207004-27-1,207004-28-2,207004-29-3,207004-30-6,207004-31-7,207004-32-8,207004-33-9,207004-34-0,207004-35-1,207004-36-2,2136-99-4,228420-06-2,228420-07-3,2437-79-8,25323-68-6,25429-29-2,25512-42-9,25569-80-6,26601-64-9,26914-33-0,27323-18-8,28655-71-2,2974-90-5,2974-92-7,30605-61-9,31472-83-0,31508-00-6,32598-10-0,32598-11-1,32598-12-2,32598-13-3,32598-14-4,32690-93-0,32774-16-6,33025-41-1,33039-81-5,33091-17-7,33146-45-1,33284-50-3,33284-52-5,33284-53-6,33284-54-7,33979-03-2,34883-39-1,34883-41-5,34883-43-7,35065-27-1,35065-28-2,35065-29-3,35065-30-6,35693-92-6,35693-99-3,35694-04-3,35694-06-5,35694-08-7,36559-22-5,37680-65-2,37680-66-3,37680-68-5,37680-69-6,37680-73-2,38379-99-6,38380-01-7,38380-02-8,38380-03-9,38380-04-0,38380-05-1,38380-07-3,38380-08-4,38411-22-2,38411-25-5,38444-73-4,38444-76-7,38444-77-8,38444-78-9,38444-81-4,38444-84-7,38444-85-8,38444-86-9,38444-87-0,38444-88-1,38444-90-5,38444-93-8,39485-83-1,39635-31-9,39635-32-0,39635-33-1,39635-34-2,39635-35-3,40186-70-7,40186-71-8,40186-72-9,41411-61-4,41411-62-5,41411-63-6,41411-64-7,41464-39-3,41464-40-8,41464-41-9,41464-42-0,41464-43-1,41464-46-4,41464-47-5,41464-48-6,41464-49-7,41464-51-1,42740-50-1,51908-16-8,52663-58-8,52663-59-9,52663-60-2,52663-61-3,52663-62-4,52663-63-5,52663-64-6,52663-65-7,52663-66-8,52663-67-9,52663-68-0,52663-69-1,52663-70-4,52663-71-5,52663-72-6,52663-73-7,52663-74-8,52663-75-9,52663-76-0,52663-77-1,52663-78-2,52663-79-3,52704-70-8,52712-04-6,52712-05-7,52744-13-5,53469-21-9,53555-66-1,53742-07-7,54230-22-7,55215-17-3,55215-18-4,55312-69-1,55702-45-9,55702-46-0,55712-37-3,55720-44-0,55722-26-4,56030-56-9,56558-16-8,56558-17-9,56558-18-0,57465-28-8,59291-64-4,59291-65-5,60145-20-2,60145-21-3,60145-22-4,60145-23-5,60233-24-1,60233-25-2,61798-70-7,62461-62-5,62796-05-0,65510-44-3,65510-45-4,68194-04-7,68194-05-8,68194-06-9,68194-07-0,68194-08-1,68194-09-2,68194-10-5,68194-11-6,68194-12-7,68194-13-8,68194-14-9,68194-15-0,68194-16-1,68194-17-2,68527-02-6,69782-90-7,69782-91-8,7012-37-5,70362-41-3,70362-45-7,70362-46-8,70362-47-9,70362-48-0,70362-49-1,70362-50-4,70424-67-8,70424-68-9,70424-69-0,70424-70-3,73575-52-7,73575-53-8,73575-54-9,73575-55-0,73575-56-1,73575-57-2,74338-23-1,74338-24-2,74472-33-6,74472-34-7,74472-35-8,74472-36-9,74472-37-0,74472-38-1,74472-39-2,74472-40-5,74472-41-6,74472-42-7,74472-43-8,74472-44-9,74472-45-0,74472-46-1,74472-47-2,74472-48-3,74472-49-4,74472-50-7,74472-51-8,74472-52-9,74472-53-0,74487-85-7,7497-08-7,76842-07-4,94487-00-0,97122-18-4,97122-20-8,99554-08-2,99554-09-3,99554-10-6,99554-11-7,99554-12-8,99554-13-9	—	0	Not applicable
TS-2	Toxic Substances Control Act (TSCA) (USA)	Parts used for non-medical device	Asbestos	1332-21-4,12001-28-4,12001-29-5, 12172-73-5, 13768-00-8, 14567-73-8, 17068-78-9,77536-66-4,77536-67-5, 77536-68-6	—	0	Not applicable