

【Annexed table 1】Managed Substances List Specified by DNP

2025.5.7

Classification: A. substance prohibited to be included in purchased materials and products
B. substance included in materials and products the amount of which should be acknowledged by DNP Group
C. substance that should be prohibited to be included in purchased materials and products depending on future regulatory trends

No.	Substances/Substance Groups	Standards for Suppliers			Relevant laws/regulations and industry standards	CAS No. *7
		Application	Classification	Criteria		
1	Polychlorinated biphenyls (PCBs)	Chemical product and/or article	A	Intentional inclusion: Prohibited Unintentional inclusion: Report required	(JP) Chemical Substances Contro Law Class I Specified Chemical Substances (EU) 2019/1021(POPs): Annex I	-
2	Polychlorinated naphthalenes (with more than 2 chlorine atoms)	Chemical product and/or article	A	Intentional inclusion: Prohibited Unintentional inclusion: Report required	(JP) Chemical Substances Contro Law Class I Specified Chemical Substances (EU) 2019/1021(POPs): Annex I	-
3	Polybrominated biphenyls (PBBs)	Chemical product and/or article	A	Concentration must be less than 1000ppm *1	(EU) 2011/65/EU (RoHS) : Annex II GADSL IEC62474	-
4	Tetrabromo(phenoxybenzene)	Chemical product and/or article	A	Intentional inclusion: Prohibited Unintentional inclusion: Report required	(JP) Chemical Substances Contro Law Class I Specified Chemical Substances (EU) 2011/65/EU (RoHS) : Annex II (EU) 2019/1021(POPs): Annex I GADSL IEC62474	5436-43-1 40088-47-9 93703-48-1 103173-66-6
5	Pentabromo(phenoxybenzene)	Chemical product and/or article	A	Intentional inclusion: Prohibited Unintentional inclusion: Report required	(JP) Chemical Substances Contro Law Class I Specified Chemical Substances (EU) 2011/65/EU (RoHS) : Annex II (EU) 2019/1021(POPs): Annex I GADSL IEC62474	32534-81-9 60348-60-9 189084-65-9
6	Hexabromo(phenoxybenzene)	Chemical product and/or article	A	Intentional inclusion: Prohibited Unintentional inclusion: Report required	(JP) Chemical Substances Contro Law Class I Specified Chemical Substances (EU) 2011/65/EU (RoHS) : Annex II (EU) 2019/1021(POPs): Annex I GADSL IEC62474	31153-30-7 35854-94-5 36483-60-0 68631-49-2 116995-33-6 207122-15-4
7	Heptabromo(phenoxybenzene)	Chemical product and/or article	A	Intentional inclusion: Prohibited Unintentional inclusion: Report required	(JP) Chemical Substances Contro Law Class I Specified Chemical Substances (EU) 2011/65/EU (RoHS) : Annex II (EU) 2019/1021(POPs): Annex I GADSL IEC62474	68928-80-3 116995-32-5 117948-63-7 207122-16-5 446255-22-7
8	1,1'-Oxybis(2,3,4,5,6-pentabromobenzene)	Chemical product and/or article	A	Intentional inclusion: Prohibited Unintentional inclusion: Report required	(JP)Chemical Substances Contro Law Class I Specified Chemical Substances (US) TSCA : Section 6 (EU) 2011/65/EU (RoHS) : Annex II (EU)2019/1021(POPs): Annex I (EU) REACH (No 1907/2006) : SVHC GADSL IEC62474	1163-19-5
9	Polybrominated diphenyl ethers (PBDEs) (other than Tetrabromo(phenoxybenzene), Pentabromo(phenoxybenzene) , Hexabromo(phenoxybenzene) , Heptabromo(phenoxybenzene), or 1,1'-Oxybis(2,3,4,5,6-pentabromobenzene))	Chemical product and/or article	A	Concentration must be less than 1000ppm *1	(EU) 2011/65/EU (RoHS) : Annex II (EU) REACH (No 1907/2006) : Annex XVII GADSL IEC62474	—
10	Short-chain chlorinated paraffins (C10 - C13)	Chemical product and/or article	A	Intentional inclusion: Prohibited Unintentional inclusion: Report required	(JP) Chemical Substances Contro Law Class I Specified Chemical Substances (EU) 2019/1021(POPs): Annex I (EU) REACH (No 1907/2006) : SVHC GADSL IEC62474	—
11	Bis(tri-n-butyltin)oxide, Bis(tributyltin)oxide	Chemical product and/or article	A	Intentional inclusion: Prohibited Unintentional inclusion: Report required	(JP) Chemical Substances Contro Law Class I Specified Chemical Substances (EU) REACH (No 1907/2006) : SVHC (EU) REACH (No 1907/2006) : Annex XVII GADSL IEC62474	56-35-9
12	TBTs and TPTs (organostannic compounds)	Chemical product and/or article	A	Intentional inclusion prohibited and concentration must be less than 1000ppm (metal converted value)	(EU) REACH (No 1907/2006) : Annex XVII GADSL IEC62474	—
13	Beryllium (Be) and Beryllium compounds *2	Chemical product and/or article	A	Intentional use prohibited	GADSL	—
14	Ozone-depleting substances (limited to below) ・CFC (Chlorofluorocarbons) ・Halon ・Carbon tetrachloride [56-23-5] ・1,1,1-trichloroethane [71-55-6] ・Hydro-Bromo-Fluoro-Carbones ・Methyl bromide [74-83-9]	Chemical product and/or article	A	Intentional use prohibited	GADSL IEC62474	—
15	Asbestos	Chemical product and/or article	A	Intentional use prohibited	(US) TSCA : Section 6 (EU) REACH (No 1907/2006) : Annex XVII GADSL IEC62474	—
16	Perfluorooctane sulfonate (Synonym: PFOS) or its salts	Chemical product and/or article	A	Intentional inclusion: Prohibited Unintentional inclusion: Report required	(JP) Chemical Substances Contro Law Class I Specified Chemical Substances (EU)2019/1021(POPs): Annex I (EU) REACH (No 1907/2006) : Annex XVII GADSL IEC62474	—
17	2-[2H-1,2,3-Benzotriazol-2-yl)-4,6-di-tert-butylphenol	Chemical product and/or article	A	Intentional inclusion: Prohibited Unintentional inclusion: Report required	(JP) Chemical Substances Contro Law Class I Specified Chemical Substances (EU) REACH (No 1907/2006) : SVHC GADSL IEC62474	3846-71-7

18	Perfluorooctanoic acid (PFOA) and its salts	Chemical product and/or article	A	Intentional inclusion: Prohibited Unintentional inclusion: Report required	(JP) Chemical Substances Contro Law Class I Specified Chemical Substances (EU) 2019/1021(POPs): Annex I GADSL IEC62474	—
19	Hexabromocyclododecane	Chemical product and/or article	A	Intentional inclusion: Prohibited Unintentional inclusion: Report required	(JP) Chemical Substances Contro Law Class I Specified Chemical Substances (EU) 2019/1021(POPs): Annex I (EU) REACH (No 1907/2006) : Annex XVII GADSL IEC62474	—
20	Hexachlorobenzene	Chemical product and/or article	A	Intentional inclusion: Prohibited Unintentional inclusion: Report required	(JP) Chemical Substances Contro Law Class I Specified Chemical Substances (EU) 2019/1021(POPs): Annex I (EU) REACH (No 1907/2006) : Annex XVII	118-74-1
21	Hexachloro-1,3-butadiene	Chemical product and/or article	A	Intentional inclusion: Prohibited Unintentional inclusion: Report required	(JP) Chemical Substances Contro Law Class I Specified Chemical Substances (US) TSCA : Section 6 (EU) 2019/1021(POPs): Annex I GADSL	87-68-3
22	Pentachlorobenzene	Chemical product and/or article	A	Intentional inclusion: Prohibited Unintentional inclusion: Report required	(JP)Chemical Substances Contro Law Class I Specified Chemical Substances (EU)2019/1021(POPs): Annex I GADSL	608-93-5
23	Pentachlorophenol, its salts or esters	Chemical product and/or article	A	Intentional inclusion: Prohibited Unintentional inclusion: Report required	(JP) Chemical Substances Contro Law Class I Specified Chemical Substances (EU) 2019/1021(POPs): Annex I GADSL	87-76-3
24	Perfluorohexane sulfonic acid (PFHxS), its salts	Chemical product and/or article	A	Intentional inclusion: Prohibited Unintentional inclusion: Report required	(JP) Chemical Substances Contro Law Class I Specified Chemical Substances (EU) REACH (No 1907/2006) : SVHC GADSL IEC62474	—
25	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1.6,9.02,13.05,10] octadeca-7,15-diene ("Dechlorane Plus"™)	Chemical product and/or article	A	Intentional inclusion: Prohibited Unintentional inclusion: Report required	(JP) Chemical Substances Contro Law Class I Specified Chemical Substances (EU) REACH (No 1907/2006) : SVHC GADSL IEC62474	13560-89-9
26	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	Chemical product and/or article	A	Intentional inclusion: Prohibited Unintentional inclusion: Report required	(JP) Chemical Substances Contro Law Class I Specified Chemical Substances (EU) REACH (No 1907/2006) : SVHC GADSL IEC62474	25973-55-1
27	PFOA related substances	Chemical product and/or article	A	Intentional inclusion: Prohibited Unintentional inclusion: Report required	(JP) Chemical Substances Contro Law Class I Specified Chemical Substances (EU)2019/1021(POPs): Annex I GADSL IEC62474	—
28	PFHxS related substances	Chemical product and/or article	C	—	(JP) Chemical Substances Contro Law (substances scheduled for future prohibition) GADSL IEC62474	—
29	Cadmium (Cd) and Cadmium compounds *3	Chemical product	B	—	(EU) 2011/65/EU (RoHS) : Annex II REACH Regulation Annex XVII (Restricted Substances)/EU GADSL IEC62474	—
		article	A	Concentration must be less than 100ppm (metal converted value) *1		
30	Hexavalent chromium (Cr6+) and Hexavalent chromium compounds	Chemical product	B	—	(EU) 2011/65/EU (RoHS) : Annex II (EU) REACH (No 1907/2006) : Annex XVII GADSL IEC62474	—
		article	A	Concentration must be less than 1000ppm (metal converted value) *1		
31	Mercury (Hg) and Mercury compounds	Chemical product	B	—	(EU) 2011/65/EU (RoHS) : Annex II (EU) REACH (No 1907/2006) : Annex XVII GADSL IEC62474	—
		article	A	Intentional inclusion prohibited and concentration must be less than 1000ppm (metal converted value)		
32	Lead (Pb) and Lead compounds *3	Chemical product	B	—	(EU) 2011/65/EU (RoHS) : Annex II (EU) REACH (No 1907/2006) : Annex XVII GADSL IEC62474	—
		article	A	Concentration must be less than 1000ppm (metal converted value) *1		
33	Vinyl chloride monomer for packaging materials for food product.	Chemical product	B	—	(EU) REACH (No 1907/2006) : Annex XVII	—
		article	A	Intentional inclusion prohibited and concentration must be less than 1ppm by materials test based on the Food Sanitation Law.		
34	Azo dye and Azo pigment forming specified amines *4	Chemical product	B	—	(EU) REACH (No 1907/2006) : SVHC (EU) REACH (No 1907/2006) : Annex XVII GADSL	—
		article	A	Intentional inclusion prohibited		
35	Dibutyltin compounds	Chemical product	B	—	(EU) REACH (No 1907/2006) : Annex XVII GADSL IEC62474	—
		article	A	Concentration must be less than 1000ppm (metal converted value)		
36	Diocetylfin compounds	Chemical product	B	—	(EU) REACH (No 1907/2006) : Annex XVII GADSL IEC62474	—
		article	A	Concentration must be less than 1000ppm (metal converted value)		

37	Dimethyl fumarate	Chemical product	B	—	(EU) REACH (No 1907/2006) : Annex XVII GADSL IEC62474	624-49-7
		article	A	Concentration must be less than 0.1ppm *1		
38	Phthalate esters [1] *5	Chemical product	B	—	(EU) 2011/65/EU (RoHS) : Annex II (EU) REACH (No 1907/2006) : SVHC (EU) REACH (No 1907/2006) : Annex XVII GADSL IEC62474	—
		article	A	Concentration must be less than 1000ppm *1 Not subject to RoHS Directive: Classification b		
39	Phthalate esters [2] *5	Chemical product and/or article	B	—	(EU) REACH (No 1907/2006) : SVHC (EU) REACH (No 1907/2006) : Annex XVII GADSL IEC62474	—
40	Brominated flame retardants (other than PBBs, PBDEs, or HBCDD)	Chemical product and/or article	B	—	IEC62474	—
41	Nickel (Ni) and Nickel compounds *6	Chemical product and/or article	B	—	(EU) REACH (No 1907/2006) : Annex XVII GADSL IEC62474	—
42	Arsenic (As) and Arsenic compounds	Chemical product and/or article	B	—	(EU) REACH (No 1907/2006) : Annex XVII GADSL	—
43	Polychlorinated terphenyls(PCTs); Terphenyl, chlorinated	Chemical product and/or article	B	—	(EU) REACH (No 1907/2006) : Annex XVII GADSL IEC62474	61788-33-8
44	Perfluorocarboxylic acids containing 9 to 14 carbon atoms in the chain (C9-C14 PFCAs), their salts	Chemical product and/or article	B	—	(EU) REACH (No 1907/2006) : SVHC (EU) REACH (No 1907/2006) : Annex XVII GADSL IEC62474	—
45	C9-C14 PFCA related substances	Chemical product and/or article	B	—	(EU) REACH (No 1907/2006) : Annex XVII GADSL IEC62474	—
46	Phenol, isopropylated, phosphate (3:1); PIP(3:1)	Chemical product and/or article	B	—	(US) TSCA : Section 6 GADSL IEC62474	68937-41-7

*1 In case of any detected unintentional inclusion, please notify us immediately.

*2 substances which fulfill the following description should be classified as the "substance included in DNP Product the amount of which should be acknowledged by DNP Group":
If the substancess are contained in electric/electronic equipment, a part of such equipment or a contact point of an accessory and plating is done so that people will not touch beryllium or beryllium compounds directly.

*3 except for the RoHS2 Annex III and Annex IV

*4 limited to azo dyes and pigments that can produce more than 30ppm of aromatic amines from a product or the dyed part of a product according to the testing method specified by Annex XVII of REACH Regulation and is applied to a product containing textile, fabric or leather that can touch the human skin or oral cavity directly for long hours.

*5 limited to substances shown in Annexed table 3

*6 limited to products expected to touch the human skin directly for long hours

*7 The "Applicable Substance CAS No." column shows CAS No. when substance(s) is specified. The "-" in the column means the substance is defined as substance group.

【Annexed table 2】The List of Aromatic Amines

2025.5.7

Substances	CAS No.
4-aminobipheny	92-67-1
Benzidine	92-87-5
4-chloro-o-toluidine	95-69-2
2-Naphthylamine and its salts	91-59-8
4-o-tolylazo-o-toluidine; 4-amino-2',3'- dimethylazobenzene	97-56-3
5-Nitro-o-toluidine	99-55-8
4-chloroaniline	106-47-8
2,4-diaminoanisole; 4-methoxy-m phenylenediamin	615-05-4
4,4'-diaminodiphenylmethane(MDA); 4,4'-methylenedianiline	101-77-9
3,3'-dichlorobenzidine; 3,3'-dichlorobiphenyl 4,4'-ylenediamine	91-94-1
3,3'-dimethoxybenzidine	119-90-4
4,4'-bi-o-toluidine; 3,3'-Dimethylbenzidine	119-93-7
4,4'-methylenedi-o-toluidine	838-88-0
6-methoxy-m-toluidine; p-cresidine; p Cresidine	120-71-8
2,2'-dichloro-4,4'-methylenedianiline; 4,4'-methylene bis(2-chloroaniline); 4,4'-Methylene-bis-(2-chloroaniline); 2,2'-dichloro 4,4'-methylenedianiline (MOCA)	101-14-4
4,4'-oxydianiline and its salts; p-aminophenyl ether; 4,4'-Oxydianiline	101-80-4
4,4'-thiodianiline and its salts; 4,4'-Thiodianiline	139-65-1
2-aminotoluene; o-toluidine	95-53-4
4-methyl-m-phenylenediamine; 2,4-toluenediamine	95-80-7
2,4,5-trimethylaniline	137-17-7
2-methoxyaniline; o-anisidine	90-04-0
4-aminoazobenzene; 4-phenylazoaniline	60-09-3

【Annexed table 3】The List of Phthalate Esters

2025.5.7

物質名	CAS No.		
Diisobutyl phthalate	84-69-5	[1]	Subject of RoHS Directive
Benzyl butan-1-yl phthalate	85-68-7	[1]	Subject of RoHS Directive
Bis(2-ethylhexan-1-yl) phthalate	117-81-7	[1]	Subject of RoHS Directive
Dibutan-1-yl phthalate	84-74-2	[1]	Subject of RoHS Directive
Bis(2-methoxyethyl) phthalate	117-82-8	[2]	
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	[2]	
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	[2]	
Bis(n-octyl) phthalate	117-84-0	[2]	
Diisononyl phthalate Phthalic acid, di-C8-10 branched alkyl esters C9 rich	28553-12-0 68515-48-0	[2]	
Di-"isodecyl" phthalate 1,2-Benzenedicarboxylic acid, di-C9-11-branched alkylesters, C10-rich	26761-40-0 68515-49-1	[2]	