

Specified Chemical Substances Content Data Sheet (SSDS) for Steel

Prepared on September 2, 2025.

1. Product and company information

Product Company Information	Stainless Steel, Carbon Steel material		
	Company name	: NIPPON KINZOKU CO.,LTD.	
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2. Controlled substances in the product

The following is data concerning the contents of the controlled substances in the steel.

The information in this data sheet provides the controlled substances in the product. It is not the results of a detailed clarification of unclear substances performed to clarify all substances.

And in cases where the content of a substance is 0.1% or less, "None" is written in the "Content" column.

A constituent substance which underwent a chemical change or material change at the stage where the product was used by the party handling the product, and was not covered by the law at the stage this data sheet was prepared, may be covered by the law at the final product stage.

Packaging, labels, rust preventive oil, and other incidental items that do not form the steel are excluded.

Blue characters indicate substances added this time.

	Controlled substances				Remarks
	Substance name	CAS No.	Content	Unit	
1	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	-	None	wt%	
	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one	36861-47-9			
	(3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	1782069-81-1			
	(1R,3E,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	95342-41-9			
	(1S,3E,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	852541-30-1			
	(1R,3Z,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	852541-21-0			
	(1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	741687-98-9			
	(1S,3Z,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	852541-25-4			
2	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	None	wt%	
3	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	37853-59-1	None	wt%	
4	1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane	17928-28-8	None	wt%	
5	1,2,3-Trichloropropane	96-18-4	None	wt%	
6	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	-	None	wt%	
	1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters	68648-93-1			
	1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters	68515-51-5			
7	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	None	wt%	
8	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	None	wt%	
9	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	None	wt%	
10	1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	84777-06-0	None	wt%	
11	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	None	wt%	
12	1,2-dichloroethane	107-06-2	None	wt%	
13	1,2-diethoxyethane	629-14-1	None	wt%	
14	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazine-2,4,6-trione (TGIC)	2451-62-9	None	wt%	
15	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	59653-74-6	None	wt%	
16	1,3-propanesultone	1120-71-4	None	wt%	
17	1,4-dioxane	123-91-1	None	wt%	

	Controlled substances				Remarks
	Substance name	CAS No.	Content	Unit	
18	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) covering any of its individual anti- and syn-isomers or any combination thereof	-	None	wt%	
	(1S,2S,5R,6R,9S,10S,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9,02,13,05,10]octadeca-7,15-diene	135821-03-3			
	1,6,7,8,9,14,15,16,17,17,18,18-dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene	13560-89-9	None	wt%	
	(1S,2S,5S,6S,9R,10R,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9,02,13,05,10]octadeca-7,15-diene	135821-74-8			
	rel-(1R,4S,4aS,6aR,7R,10S,10aS,12aR)-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo[a,e]cyclooctene	-			
	rel-(1R,4S,4aS,6aS,7S,10R,10aR,12aR)-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo[a,e]cyclooctene	-			
19	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one 3-benzylidene camphor; 3-BC	15087-24-8	None	wt%	
20	1-bromopropane (n-propyl bromide)	106-94-5	None	wt%	
21	1-Methyl-2-pyrrolidone (NMP)	872-50-4	None	wt%	
22	1-vinylimidazole	1072-63-5	None	wt%	
23	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	None	wt%	
24	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	None	wt%	
25	2,2-bis(4'-hydroxyphenyl)-4-methylpentane AP-5	6807-17-6	None	wt%	
26	2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	-	None	wt%	
	2,2-dimethylpropan-1-ol, tribromo derivative (TBNPA)	36483-57-5			
	2,3-dibromo-1-propanol (2,3-DBPA)	96-13-9			
	2,2-bis(bromomethyl)propane-1,3-diol (BMP)	3296-90-0			
	3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA)	1522-92-5			
27	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides covering any of their individual isomers and combinations thereof	-	None	wt%	
	Potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate	67118-55-2			
	ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	62037-80-3			
	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionyl fluoride	2062-98-8			
	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid	13252-13-6			
	Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (+)-	75579-39-4			
	Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (-)-	75579-40-7			
28	2,4,6-tri-tert-butylphenol	732-26-3	None	wt%	
29	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	None	wt%	
30	2,4-dinitrotoluene	121-14-2	None	wt%	
31	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	None	wt%	
32	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9	None	wt%	
33	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	None	wt%	
34	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	None	wt%	
	(2R)-3-(4-tert-butylphenyl)-2-methylpropanal	75166-31-3			
	2-(4-tert-butylbenzyl)propionaldehyde	80-54-6			
	(2S)-3-(4-tert-butylphenyl)-2-methylpropanal	75166-30-2			
35	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	None	wt%	
36	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	None	wt%	
37	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone CG 25-369; IRGACURE 369; TK 11-319	119313-12-1	None	wt%	
38	2-ethoxyethanol	110-80-5	None	wt%	
39	2-ethoxyethyl acetate	111-15-9	None	wt%	
40	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	None	wt%	
41	2-Methoxyaniline, o-Anisidine	90-04-0	None	wt%	
42	2-methoxyethanol	109-86-4	None	wt%	

	Controlled substances				Remarks
	Substance name	CAS No.	Content	Unit	
43	2-methoxyethyl acetate	110-49-6	None	wt%	
44	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one <i>ACETOCURE 97; GENOCURE*PMP; IGM 4817; IRGACURE 907; SPEEDCURE 97</i>	71868-10-5	None	wt%	
45	2-methylimidazole	693-98-1	None	wt%	
46	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine <i>ZOLDINE MS-PLUS</i>	143860-04-2	None	wt%	
47	4,4'- Diaminodiphenylmethane (MDA)	101-77-9	None	wt%	
48	4,4'-(1-methylpropylidene)bisphenol	77-40-7	None	wt%	
49	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol <i>with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)</i>	561-41-1	None	wt%	
50	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	None	wt%	
51	4,4'-isopropylidenediphenol <i>Bisphenol A; BPA</i>	80-05-7	None	wt%	
52	4,4'-methylenedi-o-toluidine	838-88-0	None	wt%	
53	4,4'-oxydianiline and its salts	-	None	wt%	
	4,4'-oxydianiline	101-80-4			
54	4,4'-sulphonyldiphenol	80-09-1	None	wt%	
55	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	None	wt%	
56	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated <i>covering well-defined substances and UVCB substances, polymers and homologues</i>	-	None	wt%	
	Polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenyl ether	9002-93-1			
	2-[2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]ethanol	2315-61-9			
	20-[4-(1,1,3,3-tetramethylbutyl)phenoxy]-3,6,9,12,15,18-hexaoxaicosan-1-ol	2497-59-8			
	Poly(oxy-1,2-ethanediyl), α-[(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy-	9036-19-5			
	2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethanol	2315-67-5			
57	4-aminoazobenzene	60-09-3	None	wt%	
58	4-heptylphenol, branched and linear <i>Substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof</i>	-	None	wt%	
	4-heptylphenol	1987-50-4			
	Phenol, heptyl derivs.	72624-02-3			
	4-(3-ethylpentan-3-yl)phenol	37872-24-5			
	4-(2-methylhexan-2-yl)phenol	30784-31-7			
	4-(3,3-dimethylpentan-2-yl)phenol	911371-06-7			
	4-(3-methylhexan-2-yl)phenol	854904-93-1			
	4-(4,4-dimethylpentan-2-yl)phenol	911371-07-8			
	4-(4-methylhexan-2-yl)phenol	71945-81-8			
	4-(5-methylhexan-2-yl)phenol	857629-71-1			
	4-(2,2-dimethylpentan-3-yl)phenol	861010-65-3			
	Phenol, 4-(1-ethyl-1,2-dimethylpropyl)-	30784-27-1			
	4-(heptan-3-yl)phenol	6465-74-3			
	4-(heptan-2-yl)phenol	6863-24-7			
	4-(heptan-4-yl)phenol	6465-71-0			
	4-(3-ethylpentyl)phenol	911370-98-4			
	4-(3-methylhexyl)phenol	102570-52-5			
	4-(4-methylhexyl)phenol	1139800-98-8			
	4-(5-methylhexyl)phenol	100532-36-3			
	4-(2,4-dimethylpentan-3-yl)phenol	1824346-00-0			
	Phenol, 4-tert-heptyl-	288864-02-8			
	4-(2,3-dimethylpentan-2-yl)phenol	861011-60-1			
	4-(3-methylhexan-3-yl)phenol	30784-32-8			
	4-(2,4-dimethylpentan-2-yl)phenol	33104-11-9			
	4-(2,3,3-trimethylbutan-2-yl)phenol	72861-06-4			
	4-(5-methylhexan-3-yl)phenol	854904-92-0			

	Controlled substances				Remarks
	Substance name	CAS No.	Content	Unit	
59	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	None	wt%	
60	4-Nonylphenol, branched and linear substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	-	None	wt%	
	Phenol, 4-nonyl-, branched	84852-15-3			
	p-nonylphenol	104-40-5			
	p-(1,1-dimethylheptyl)phenol	30784-30-6			
	p-isononylphenol	26543-97-5			
	p-(1-methyloctyl)phenol	17404-66-9			
	4-(1-ethyl-1-methylhexyl)phenol	52427-13-1			
	4-(1-Ethyl-1,3-dimethylpentyl)phenol	186825-36-5			
	4-(1-Ethyl-1,4-dimethylpentyl)phenol	142731-63-3			
	4-(3-ethylheptan-2-yl)phenol	186825-39-8			
	Isononylphenol	11066-49-2			
	Nonylphenol	25154-52-3			
	4-(1,1,5-Trimethylhexyl)phenol	521947-27-3			
	Phenol, nonyl-, branched	90481-04-2			
61	4-Nonylphenol, branched and linear, ethoxylated substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof	-	None	wt%	
	Nonylphenol, ethoxylated	9016-45-9			
	26-(4-Nonylphenoxy)-3,6,9,12,15,18,21,24- octaoxaheptacosan -1-ol	14409-72-4			
	Poly(oxy-1,2-ethanediyl), α-(nonylphenyl)-ω-hydroxy-, branched	68412-54-4			
	Poly (oxy-1,2-ethanediyl), alpha -(nonylphenyl)-omega-hydroxy-, branched	-			
	2-[2-(4-nonylphenoxy)ethoxy]ethanol	20427-84-3			
	2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]ethoxy]ethanol	7311-27-5			
	4-Nonylphenol, ethoxylated 1 - 2.5 moles ethoxylated	26027-38-3			
	20-(4-nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol	27942-27-4			
	Nonylphenol, ethoxylated (10-EO)	9016-45-9			
	Nonylphenol, ethoxylated (8-EO)	9016-45-9			
	Nonylphenol, ethoxylated (6,5-EO)	9016-45-9			
	Nonylphenol, branched, ethoxylated 1 - 2.5 moles ethoxylated	68412-54-4			
	Nonylphenol, ethoxylated (15-EO)	9016-45-9			
	4-Nonylphenol, branched, ethoxylated	127087-87-0			
	Nonylphenolpolyglycoether	-			
	14-(nonylphenoxy)-3,6,9,12-tetraoxatetradecan-1-ol	26264-02-8			
	26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxaheptacosan-1-ol	26571-11-9			
	2-[2-(nonylphenoxy)ethoxy]ethanol	27176-93-8			
	20-(nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol	27177-03-3			
	23-(nonylphenoxy)-3,6,9,12,15,18,21-heptaocatricosan-1-ol	27177-05-5			
	29-(nonylphenoxy)-3,6,9,12,15,18,21,24,27-nonaoxanonacosanol	27177-08-8			
	2-(nonylphenoxy)ethanol	27986-36-3			
	26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxaheptacosan-1-ol;	42173-90-0			
	44-(nonylphenoxy)-3,6,9,12,15,18,21,24,27,30,33,36,39,42-tetradecaooxatetracontanol	57321-10-5			
	20-(isononylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol	65455-69-8			
	3,6,9,12,15-Pentaoxaheptadecan-1-ol, 17-(nonylphenoxy)-	27177-01-1			
	3,6,9,12,15,18,21,24,27-Nonaoxanonacosan-1-ol, 29-(isononylphenoxy)-	65455-72-3			
	Poly(oxy-1,2-ethanediyl), α-(nonylphenyl)-ω-hydroxy-	9016-45-9			
	Isononylphenol, ethoxylated	37205-87-1			
	17-(4-nonylphenoxy)-3,6,9,12,15-pentaoxaheptadecan-1-ol	34166-38-6			

	Controlled substances				Remarks
	Substance name	CAS No.	Content	Unit	
61	4-Nonylphenol, branched, ethoxylated 1 - 2.5 moles ethoxylated	127087-87-0	None	wt%	
	3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-, branched	91648-64-5			
	2-(isononylphenoxy)ethanol	85005-55-6			
	3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-	20636-48-0			
	4-t-Nonylphenol-diethoxylate	156609-10-8			
	2-(4-nonylphenoxy)ethanol	104-35-8			
	Nonylphenol, ethoxylated (EO = 10)	-			
	Nonylphenol, ethoxylated (EO = 4)	-			
	Nonylphenol, ethoxylated (polymer)	-			
	2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethanol	1119449-37-4			
	2-[2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethoxy]ethanol	1119449-38-5			
62	4-tert-butylphenol	98-54-4	None	wt%	
63	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] covering any of the individual stereoisomers of [1] and [2] or any combination thereof	-	None	wt%	
	1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)-	117933-89-8			
	Reaction mass of 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane and 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane	-			
	5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane	-			
	Reaction mass of 5-[(2R)-butan-2-yl]-2-[(1R,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2R)-butan-2-yl]-2-[(1R,6R)-4,6-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1R,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1S,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1S,6R)-4,6-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane	-			
	1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	676367-05-8			
	1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-rel-	343934-04-3			
	1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	676367-09-2			
	1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-rel-	343934-05-4			
	1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	676367-04-7			
	1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	676367-08-1			
	1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	676367-03-6			
	1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	676367-07-0			
	1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	676367-02-5			
	1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	676367-06-9			
	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane	-			
64	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	81-15-2	None	wt%	
65	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	None	wt%	
66	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	2156592-54-8	None	wt%	
67	6-methoxy-m-toluidine (p-cresidine)	120-71-8	None	wt%	
68	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)	548-62-9	None	wt%	
69	[4-[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26) with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)	2580-56-5	None	wt%	
70	[Phthalato(2-)]dioxotrilead	69011-06-9	None	wt%	
71	Acetic acid, lead salt, basic	51404-69-4	None	wt%	
72	Acids generated from chromium trioxide and their oligomers	-	None	wt%	
	Dichromic acid	13530-68-2			
	Oligomers of chromic acid and dichromic acid	-			
	Chromic acid	7738-94-5			
73	Acrylamide	79-06-1	None	wt%	
74	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	None	wt%	

	Controlled substances				Remarks
	Substance name	CAS No.	Content	Unit	
75	Aluminosilicate Refractory Ceramic Fibres <i>are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm) c) alkaline oxide and alkali earth oxide (Na₂O+K₂O+CaO+MgO+BaO) content less or equal to 18% by weight</i> Refractories, fibers, aluminosilicate	- 142844-00-6	None	wt%	
76	Ammonium dichromate	7789-09-5	None	wt%	
77	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	None	wt%	
78	Anthracene	120-12-7	None	wt%	
79	Anthracene oil	90640-80-5	None	wt%	
80	Anthracene oil, anthracene paste	90640-81-6	None	wt%	
81	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	None	wt%	
82	Anthracene oil, anthracene paste, distn. lights	91995-17-4	None	wt%	
83	Anthracene oil, anthracene-low	90640-82-7	None	wt%	
84	Arsenic acid	7778-39-4	None	wt%	
85	Barium diboron tetraoxide	13701-59-2	None	wt%	
86	Benz[a]anthracene	56-55-3	None	wt%	
87	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride <i>trimellitic anhydride; TMA</i>	552-30-7	None	wt%	
88	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	None	wt%	
89	Benzo[ghi]perylene	191-24-2	None	wt%	
90	Benzo[k]fluoranthene	207-08-9	None	wt%	
91	Benzyl butyl phthalate (BBP)	85-68-7	None	wt%	
92	Biphenyl-4-ylamine	92-67-1	None	wt%	
93	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	None	wt%	
94	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	None	wt%	
95	bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof Bis(2-ethylhexyl) tetrabromophthalate	- 26040-51-7	None	wt%	
96	Bis(2-methoxyethyl) ether	111-96-6	None	wt%	
97	Bis(2-methoxyethyl) phthalate	117-82-8	None	wt%	
98	Bis(4-chlorophenyl) sulphone	80-07-9	None	wt%	
99	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	1163-19-5	None	wt%	
100	Bis(tributyltin)oxide (TBTO)	56-35-9	None	wt%	
101	Bis(α,α-dimethylbenzyl) peroxide	80-43-3	None	wt%	
102	Boric acid EC No. 233-139-2 and EC No. 234-343-4 Boric acid, crude natural Boric acid	- 11113-50-1 10043-35-3	None	wt%	
103	Bumetrizole (UV-326)	3896-11-5	None	wt%	
104	Butyl 4-hydroxybenzoate	94-26-8	None	wt%	
105	Cadmium	7440-43-9	None	wt%	
106	Cadmium carbonate	513-78-0	None	wt%	
107	Cadmium chloride cadmium chloride (CdCl ₂), hydrate (2:5)	10108-64-2 7790-78-5	None	wt%	
108	Cadmium fluoride	7790-79-6	None	wt%	
109	Cadmium hydroxide	21041-95-2	None	wt%	
110	Cadmium nitrate	10325-94-7	None	wt%	
111	Cadmium oxide Monteponite (CdO)	1306-19-0 12139-21-8	None	wt%	

	Controlled substances				Remarks
	Substance name	CAS No.	Content	Unit	
112	Cadmium sulphate	10124-36-4 31119-53-6	None	wt%	
	Sulfuric acid, cadmium salt, hydrate (3:3:8)	7790-84-3			
	Sulfuric acid, cadmium salt (1:1), hydrate	15244-35-6			
113	Cadmium sulphide	1306-23-6	None	wt%	
114	Calcium arsenate	7778-44-1	None	wt%	
115	Chromium trioxide	1333-82-0	None	wt%	
116	Chrysene	218-01-9	None	wt%	
117	Cobalt dichloride	7646-79-9	None	wt%	
118	Cobalt(II) carbonate	513-79-1	None	wt%	
119	Cobalt(II) diacetate	71-48-7	None	wt%	
120	Cobalt(II) dinitrate	10141-05-6	None	wt%	
121	Cobalt(II) sulphate	10124-43-3	None	wt%	
122	Cyclohexane-1,2-dicarboxylic anhydride <i>all possible combinations of the cis- and trans-isomers</i>	-	None	wt%	
	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7			
	trans-cyclohexane-1,2-dicarboxylic anhydride	14166-21-3			
	cis-cyclohexane-1,2-dicarboxylic anhydride	13149-00-3			
123	Decamethylcyclopentasiloxane <i>D5</i>	541-02-6	None	wt%	
124	decamethyltetrasiloxane	141-62-8	None	wt%	
125	Diarsenic pentaoxide	1303-28-2	None	wt%	
126	Diarsenic trioxide	1327-53-3	None	wt%	
127	Diazeno-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	123-77-3	None	wt%	
128	Diboron trioxide	1303-86-2	None	wt%	
129	Dibutyl phthalate (DBP)	84-74-2	None	wt%	
130	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	None	wt%	
131	Dibutyltin dichloride (DBTC)	683-18-1	None	wt%	
132	Dichromium tris(chromate)	24613-89-6	None	wt%	
133	Dicyclohexyl phthalate <i>DCHP</i>	84-61-7	None	wt%	
134	Diethyl sulphate	64-67-5	None	wt%	
135	Diethyl phthalate	84-75-3	None	wt%	
136	Diisobutyl phthalate	84-69-5	None	wt%	
137	Diisohexyl phthalate	71850-09-4	None	wt%	
138	Diisopentyl phthalate	605-50-5	None	wt%	
139	Dimethyl sulphate	77-78-1	None	wt%	
140	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	None	wt%	
141	Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	-	None	wt%	
	Stannane, dioctyl-, bis(coco acyloxy) derivs.	91648-39-4			
	dioctyltin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs.	-			
	Dioctyltin dilaurate	3648-18-8			
142	Dioxobis(stearato)trilead	12578-12-0	None	wt%	
143	Dipentyl phthalate (DPP)	131-18-0	None	wt%	
144	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	None	wt%	
145	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	None	wt%	
146	Disodium 4-amino-3'-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	None	wt%	
147	Disodium octaborate	12008-41-2	None	wt%	
148	Disodium tetraborate, anhydrous	12179-04-3 1303-96-4 1330-43-4	None	wt%	

	Controlled substances				Remarks
	Substance name	CAS No.	Content	Unit	
149	Dodecamethylcyclohexasiloxane <i>D6</i>	540-97-6	None	wt%	
150	Ethylenediamine <i>EDA</i>	107-15-3	None	wt%	
151	Fatty acids, C16-18, lead salts	91031-62-8	None	wt%	
152	Fluoranthene	206-44-0	None	wt%	
153	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	None	wt%	
154	Formamide	75-12-7	None	wt%	
155	Furan	110-00-9	None	wt%	
156	glutaral	111-30-8	None	wt%	
157	Henicosafuoroundecanoic acid	2058-94-8	None	wt%	
158	Heptacosafuorotetradecanoic acid	376-06-7	None	wt%	
159	Hexabromocyclododecane (HBCDD) <i>and all major diastereoisomers identified</i>	-	None	wt%	
	1,2,5,6,9,10-hexabromocyclododecane	3194-55-6			
	Hexabromocyclododecane	25637-99-4			
	alpha-hexabromocyclododecane	134237-50-6			
	beta-hexabromocyclododecane	134237-51-7			
	gamma-hexabromocyclododecane	134237-52-8			
160	Hexahydromethylphthalic anhydride <i>including cis- and trans- stereo isomeric forms and all possible combinations of the isomers</i>	-	None	wt%	
	Hexahydro-1-methylphthalic anhydride	48122-14-1			
	Hexahydro-4-methylphthalic anhydride	19438-60-9			
	Hexahydromethylphthalic anhydride	25550-51-0			
	Hexahydro-3-methylphthalic anhydride	57110-29-9			
161	Hydrazine	302-01-2 7803-57-8	None	wt%	
162	Imidazolidine-2-thione(2-imidazoline-2-thiol)	96-45-7	None	wt%	
163	Isobutyl 4-hydroxybenzoate	4247-02-3	None	wt%	
164	Lead	7439-92-1	Fill the value of concentration that absorbed in steel	wt%	Please see the notice which described in Page
165	Lead bis(tetrafluoroborate)	13814-96-5	None	wt%	
166	Lead chromate	7758-97-6	None	wt%	
167	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	None	wt%	
168	Lead cyanamidate	20837-86-9	None	wt%	
169	Lead di(acetate)	301-04-2	None	wt%	
170	Lead diazide, Lead azide	13424-46-9	None	wt%	
171	Lead dinitrate	10099-74-8	None	wt%	
172	Lead dipicrate	6477-64-1	None	wt%	
173	Lead hydrogen arsenate	7784-40-9	None	wt%	
174	Lead monoxide (lead oxide)	1317-36-8	None	wt%	
175	Lead oxide sulfate	12036-76-9	None	wt%	
176	Lead styphnate	15245-44-0	None	wt%	
177	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	None	wt%	
178	Lead titanium trioxide	12060-00-3	None	wt%	
179	Lead titanium zirconium oxide	12626-81-2	None	wt%	
180	Lead(II) bis(methanesulfonate)	17570-76-2	None	wt%	
181	Medium-chain chlorinated paraffins (MCCP) <i>UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17</i>	-	None	wt%	

Controlled substances					Remarks
	Substance name	CAS No.	Content	Unit	
181	Alkanes, C14-17, chloro	85535-85-9	None	wt%	
	di-, tri- and tetrachlorotetradecane	-			
	Tetradecane, chloro derivs.	198840-65-2			
	Alkanes, C14-16, chloro	1372804-76-6			
182	Melamine	108-78-1	None	wt%	
183	Methoxyacetic acid	625-45-6	None	wt%	
184	Methyloxirane (Propylene oxide)	75-56-9	None	wt%	
185	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	None	wt%	
186	N,N-dimethylacetamide	127-19-5	None	wt%	
187	N,N-dimethylformamide	68-12-2	None	wt%	
188	N-(hydroxymethyl)acrylamide	924-42-5	None	wt%	
189	N-methylacetamide	79-16-3	None	wt%	
190	n-pentyl-isopentyl phthalate	776297-69-9	None	wt%	
191	Nitrobenzene	98-95-3	None	wt%	
192	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	-	None	wt%	
	Nonadecafluorodecanoic acid	335-76-2			
	sodium nonadecafluorodecanoate	3830-45-3			
	Ammonium nonadecafluorodecanoate	3108-42-7			
193	O,O,O-triphenyl phosphorothioate	597-82-0	None	wt%	
194	o-aminoazotoluene	97-56-3	None	wt%	
195	o-toluidine	95-53-4	None	wt%	
196	Octamethylcyclotetrasiloxane D4	556-67-2	None	wt%	
197	Octamethyltrisiloxane	107-51-7	None	wt%	
198	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	-	None	wt%	
	Phenol, methylstyrenated	68512-30-1			
199	Orange lead (lead tetroxide)	1314-41-6	None	wt%	
200	orthoboric acid, sodium salt	-	None	wt%	
	Boric acid, sodium salt	1333-73-9			
	Orthoboric acid, sodium salt	13840-56-7			
	boric acid (H3BO3), sodium salt, hydrate	25747-83-5			
	boric acid (H3BO3), sodium salt (1:1)	14890-53-0			
	Boric acid (H3BO3), disodium salt	22454-04-2			
	Trisodium orthoborate	14312-40-4			
201	p-(1,1-dimethylpropyl)phenol	80-46-6	None	wt%	
202	Pentacosafuorotridecanoic acid	72629-94-8	None	wt%	
203	Pentadecafluorooctanoic acid (PFOA)	335-67-1	None	wt%	
204	Pentalead tetraoxide sulphate	12065-90-6	None	wt%	
205	Pentazinc chromate octahydroxide	49663-84-5	None	wt%	
206	Perfluamine	338-83-0	None	wt%	
207	Perfluorobutane sulfonic acid (PFBS) and its salts	-	None	wt%	
	Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate	29420-49-3			
	1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid	375-73-5			
	bis(4-t-butylphenyl)iodonium perfluorobutanesulfonate	194999-85-4			
	tetrabutyl-phosphonium nonafluoro-butane-1-sulfonate	220689-12-3			
	dimethyl(phenyl)sulfanium perfluorobutanesulfonate	220133-51-7			
	Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate	68259-10-9			
	Triphenylsulfanium perfluorobutane sulfonate	144317-44-2			
	N,N,N-triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate	25628-08-4			
	magnesium perfluorobutanesulfonate	507453-86-3			
	lithium perfluorobutanesulfonate	131651-65-5			
	morpholinium perfluorobutanesulfonate	503155-89-3			
	1-(4-butoxy-1-naphthalenyl)tetrahydrothiophenium 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate	-			

Controlled substances					Remarks
	Substance name	CAS No.	Content	Unit	
208	Perfluoroheptanoic acid and its salts	-	None	wt%	
	Ammonium perfluoroheptanoate	6130-43-4			
	potassium perfluoroheptanoate	21049-36-5			
	Perfluoroheptanoic acid	375-85-9			
	Sodium perfluoroheptanoate	20109-59-5			
209	Perfluorohexane-1-sulphonic acid and its salts <i>PFHxS</i>	-	None	wt%	
	perfluorohexane-1-sulphonic acid	355-46-4			
	ammonium perfluorohexane-1-sulphonate	68259-08-5			
	tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)	70225-16-0			
	potassium perfluorohexane-1-sulphonate	3871-99-6			
	Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1310480-24-0			
	Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1310480-27-3			
	Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1310480-28-4			
	Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1)	1329995-45-0			
	Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1)	1329995-69-8			
	Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	144116-10-9			
	Quinolinium, 1-(carboxymethyl)-4-[2-[4-[2,2-diphenylethenyl]phenyl]-1,2,3,3a,4,8b-hexahydrocyclopent[b]indol-7-yl]ethenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1462414-59-0			
	Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	153443-35-7			
	Methanaminium, N,N,N-trimethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)	189274-31-5			
	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with 2-methyl-2-propanamine (1:1)	202189-84-2			
	Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	213740-81-9			
	Sulfonium, bis(4-methylphenyl)phenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	341548-85-4			
	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, scandium(3+) salt (3:1)	350836-93-0			
	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, neodymium(3+) salt (3:1)	41184-65-0			
	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, yttrium(3+) salt (3:1)	41242-12-0			
	Sulfonium, (thiodi-4,1-phenylene)bis[diphenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:2)	421555-73-9			
	Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic	421555-74-0			
	Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	425670-70-8			
	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1)	55120-77-9			
	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt	70136-72-0			
	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with N,N-diethylethanamine (1:1)	72033-41-1			
	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt	82382-12-5			
	Iodonium, bis[(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (9CI)	866621-50-3			
	Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	910606-39-2			
	Sulfonium, [4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	911027-68-4			

Controlled substances					Remarks
	Substance name	CAS No.	Content	Unit	
209	Sulfonium, [4-[(2-methyl-1-oxo-2-propenyl)oxy]phenyl]diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1), polymer with 2-ethyltricyclo[3.3.1.1 ^{3,7}]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.1 ^{3,7}]dec-1-yl 2-methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate	911027-69-5	None	wt%	
	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, cesium salt (1:1)	92011-17-1			
	Dibenzo[k,n][1,4,7,10,13]tetraoxathiacyclopentadecinium, 19-[4-(1,1-dimethylethyl)phenyl]-6,7,9,10,12,13-hexahydro-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	928049-42-7			
	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. With pyrrolidine (1:1)	1187817-57-7			
	N,N,N-triethylethanaminium tridecafluorohexane-1-sulfonate	108427-55-0			
	N,N,N-tributylbutan-1-aminium tridecafluorohexane-1-sulfonate	108427-54-9			
	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3			
	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9CI)	341035-71-0			
210	Perfluorononan-1-oic-acid and its sodium and ammonium salts	-	None	wt%	
	Ammonium heptadecafluorononanoate	4149-60-4			
	Perfluorononan-1-oic-acid	375-95-1			
	sodium heptadecafluorononanoate	21049-39-8			
211	Phenanthrene	85-01-8	None	wt%	
212	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	-	None	wt%	
	4-isododecylphenol	27459-10-5			
	Phenol, tetrapropylene-	57427-55-1			
	Phenol, 4-dodecyl, branched	210555-94-5			
	Phenol, (tetrapropenyl) derivatives	74499-35-7			
	Phenol, 4-isododecyl-	27147-75-7			
	Phenol, dodecyl-, branched	121158-58-5			
213	Phenolphthalein	77-09-8	None	wt%	
214	Pitch, coal tar, high temp.	65996-93-2	None	wt%	
215	Potassium chromate	7789-00-6	None	wt%	
216	Potassium dichromate	7778-50-9	None	wt%	
217	Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	None	wt%	
218	Pyrene	129-00-0	None	wt%	
219	Pyrochlore, antimony lead yellow	8012-00-8	None	wt%	
220	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	-	None	wt%	
221	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-diocetyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	-	None	wt%	
222	reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8	None	wt%	
223	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) with ≥0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)	-	None	wt%	
	Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs.	1471311-26-8			
	Formaldehyde, reaction products with branched and linear heptylphenol, carbon disulfide and hydrazine	93925-00-9			
224	S-(tricyclo(5.2.1.0 ^{2,6})deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate X4261	255881-94-8	None	wt%	
225	Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD), the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008	68784-75-8	None	wt%	
226	Silicic acid, lead salt	11120-22-2	None	wt%	
227	Sodium chromate	7775-11-3	None	wt%	

	Controlled substances				Remarks
	Substance name	CAS No.	Content	Unit	
228	Sodium dichromate	10588-01-9 7789-12-0	None	wt%	
229	Sodium perborate, perboric acid, sodium salt	-	None	wt%	
	Perboric acid, sodium salt, tetrahydrate ()	37244-98-7			
	Perboric acid (HBO(O ₂)), sodium salt, tetrahydrate	10486-00-7			
	Sodium perborate monohydrate	10332-33-9			
	Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium, hydrate (1:2:6)	125022-34-6			
	Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium (1:2)	90568-23-3			
	Perboric acid, sodium salt	11138-47-9			
	Perboric acid (H ₃ BO ₂ (O ₂)), monosodium salt, trihydrate	13517-20-9			
	Sodium perborate	15120-21-5			
230	Sodium peroxometaborate	7632-04-4	None	wt%	
231	Strontium chromate	7789-06-2	None	wt%	
232	Sulfurous acid, lead salt, dibasic	62229-08-7	None	wt%	
233	Terphenyl, hydrogenated	61788-32-7	None	wt%	
234	tetra(sodium/potassium) 7-[(E)-{2-acetamido-4-[(E)-(4-[4-chloro-6-({2-[(4-fluoro-6-[[4-(vinylsulfonyl)phenyl]amino)-1,3,5-triazine-2-yl]amino]propyl]amino)-1,3,5-triazine-2-yl]amino}-5-sulfonato-1-naphthyl)diazenyl]-5-methoxyphenyl]diazenyl]-1,3,6-naphthalenetrisulfonate (Reactive Brown 51) substance having a complex composition with <80% of the above constituents and other reaction side products	-	None	wt%	
235	Tetraboron disodium heptaoxide, hydrate	12267-73-1	None	wt%	
236	Tetraethyllead	78-00-2	None	wt%	
237	Tetralead trioxide sulphate	12202-17-4	None	wt%	
238	Trichloroethylene	79-01-6	None	wt%	
239	Tricosafuorododecanoic acid	307-55-1	None	wt%	
240	Triethyl arsenate	15606-95-8	None	wt%	
241	Trilead bis(carbonate)dihydroxide	1319-46-6	None	wt%	
242	Trilead diarsenate	3687-31-8	None	wt%	
243	Trilead dioxide phosphonate	12141-20-7	None	wt%	
244	Triphenyl phosphate	115-86-6	None	wt%	
245	Tris(2-chloroethyl)phosphate	115-96-8	None	wt%	
246	tris(2-methoxyethoxy)vinylsilane	1067-53-4	None	wt%	
247	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP)	-	None	wt%	
	tris(4-nonylphenyl, branched) phosphite	-			
	Phenol, p-sec-nonyl-, phosphite	106599-06-8			
	Phenol, 4-nonyl-, phosphite (3:1)	3050-88-2			
	tris(nonylphenyl) phosphite	26523-78-4			
	Phenol, p-isononyl-, phosphite (3:1)	31631-13-7			
248	Trixylyl phosphate	25155-23-1	None	wt%	
249	Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (μm). c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight	-	None	wt%	
	Refractories, fibers, aluminosilicate	142844-00-6			
250	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)	6786-83-0	None	wt%	

3.Sources of the controlled substances

The names of substances under SVHC of REACH are entered.

Candidate List of substances of very high concern for Authorisation - ECHA ([europa.eu](https://echa.europa.eu))

(<https://echa.europa.eu/candidate-list-table>)

4. Other information

Under REACH, Steel can be considered to be a “article”.

Direct inquiries concerning the contents entered above to:

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