

REACH SVHC Product List

To the best of our knowledge and based on our suppliers' information, Yokogawa Electric products may contain the following SVHCs that are on the June 14, 2023 Candidate List in articles above the concentration of 0.1% (w/w).

Yokogawa Electric Corporation will continue to make efforts to survey, remove or reduce the concentration of the SVHCs in our products.

Substance Name	CAS Number
Boric acid; Orthoboric acid	10043-35-3
Melamine	108-78-1
2-Methoxyethyl acetate; ethylene glycol monomethyl ether acetate; methylglycol acetate	110-49-6
1,2-dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4
2-Ethoxyethanol; ethylene glycol monoethyl ether; ethylglycol	110-80-5
2-Ethoxyethyl acetate; ethylene glycol monoethyl ether acetate; ethylglycol acetate	111-15-9
1,3-Propanesultone	1120-71-4
1,2-Bis(2-methoxyethoxy)ethane; TEGDME; Triethylene glycol dimethyl ether; Triglyme	112-49-2
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
6,6'-di-tert-butyl-2,2'-methylene-di-p-cresol; [DBMC]	119-47-1
Lead titanate; Lead titanium oxide (PbTiO ₃); Lead titanium trioxide	12060-00-3
Phenol, dodecyl-, branched	121158-58-5
Disodium tetraborate pentahydrate; Borax pentahydrate	12179-04-3
Tetralead trioxide sulphate	12202-17-4
Lead titanium zirconium oxide	12626-81-2
N,N-Dimethylacetamide; DMAC	127-19-5
Diboron trioxide; Boric oxide	1303-86-2
Cadmium oxide	1306-19-0
Orange leade (lead tetroxide)	1314-41-6
Lead(II) oxide; Lead oxide (PbO); C.I. Pigment Yellow 46; Lead monoxide; Lead(2+) oxide; Lead monoxide; Lead monoxide (Lead oxide)	1317-36-8
Diarsenic trioxide; arsenic trioxide	1327-53-3
Disodium tetraborate, anhydrous	1330-43-4
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 (Dichlorane Plus)	13560-89-9
Barium diboron tetraoxide	13701-59-2
4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1
Hexahydro-4-methylphthalic anhydride	19438-60-9
1,3,5-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione; TGIC	2451-62-9
Nonylphenol C ₆ H ₄ (OH)C ₉ H ₁₉	25154-52-3
Hexahydromethylphthalic anhydride	25550-51-0
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
tris(nonylphenyl) phosphite	26523-78-4
Diocetyl tin dilaurate	3648-18-8
Dodecamethylcyclotetrasiloxane; D6	540-97-6
Decamethylcyclopentasiloxane (D5)	541-02-6
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride	552-30-7
Cyclotetrasiloxane, octamethyl-	556-67-2
N,N-Dimethylformamide; dimethyl formamide (DMF)	68-12-2
2-methylimidazole	693-98-1
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
Lead	7439-92-1
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8
2,2',6,6'-Tetrabromo-4,4'-isopropylidenediphenol	79-94-7
Bisphenol A; 4,4'-isopropylidenediphenol	80-05-7
bis(4-chlorophenyl) sulphone	80-07-9
4,4'-Sulphonyldiphenol	80-09-1
Alkane, C ₁₆ -35-, Chloro-	85049-26-9
Cyclohexane-1,2-dicarboxylic anhydride	85-42-7
Alkanes, C ₁₄ -17, chloro	85535-85-9
N-methyl-2-pyrrolidone; 1-methyl-2-pyrrolidone (NMP)	872-50-4
Nonylphenol ethoxylates (NPE) (C ₂ H ₄ O) _n C ₁₅ H ₂₄ O	9016-45-9
Poly(oxy-1,2-ethanediyl), alpha-[(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxy-	9036-19-5
4-Methyl-m-phenylenediamine; 2,4-Toluenediamine	95-80-7
Ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
4-tert-butylphenol	98-54-4
Salts of Perfluorobutane sulfonic acid (PFBS)	—
Medium-chain chlorinated paraffins (MCCP)	—

Substance Name	CAS Number	distributed control systems (CENTUM) safety instrumented systems (ProSafe-RS) network-based control systems	Transmitter	Flowmeter	Analyzers	Recorders, Controllers, Indicators	Programmable Logic Controllers	Film/Sheet Thickness Gauge	Distributed Temperature Sensor	Life Science
Boric acid: Orthoboric acid	10043-35-3	x		x	x	x				x
Melamine	108-78-1	x		x	x	x	x	x		x
2-Methoxyethyl acetate: ethylene glycol monomethyl ether acetate; methylglycol acetate	110-49-6		x							
1,2-dimethoxyethane: ethylene glycol dimethyl ether: EGDME	110-71-4				x					
2-Ethoxyethanol: ethylene glycol monoethyl ether: ethylglycol	110-80-5						x			
2-Ethoxyethyl acetate: ethylene glycol monoethyl ether acetate: ethylglycol acetate	111-15-9		x							
1,3-Propanesultone	1120-71-4				x					
1,2-Bis(2-methoxyethoxy)ethane: TEGDME; Triethylene glycol dimethyl ether; Triglyme	112-49-2				x					
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1				x			x		x
6,6'-di-tert-butyl-2,2'-methylene-di-p-cresol: [DBMC]	119-47-1	x		x	x	x	x	x	x	x
Lead titanate: Lead titanium oxide (PbTiO3): Lead titanium trioxide	12060-00-3		x	x	x	x		x		
Phenol, dodecyl-, branched	121158-58-5							x		x
Disodium tetraborate pentahydrate: Borax pentahydrate	12179-04-3				x			x		
Tetralead trioxide sulphate	12202-17-4				x					
Lead titanium zirconium oxide	12626-81-2		x	x	x	x				x
N,N-Dimethylacetamide: DMAC	127-19-5							x		
Diboron trioxide: Boric oxide	1303-86-2		x			x				x
Cadmium oxide	1306-19-0							x		
Orange leade (lead tetroxide)	1314-41-6									x
Lead(II) oxide: Lead oxide (PbO): C.I. Pigment Yellow 46: Lead monoxide: Lead(2+) oxide: Lead monoxide: Lead monoxide (Lead oxide)	1317-36-8		x			x			x	x
Diarsenic trioxide: arsenic trioxide	1327-53-3				x					
Disodium tetraborate, anhydrous	1330-43-4									x
1,6,7,8,9,14,15,16,17,17,18-dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene (Dichlorane Plus)	13560-89-9			x	x	x		x		x
Barium diboron tetraoxide	13701-59-2		x					x		
4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9					x				
2-ethylhexyl 10-ethyl-4,4'-dioctyl-7-oxo-8-oxa-3,5'-dithia-4'-stannatetradecanoate	15571-58-1				x					
Hexahydro-4-methylphthalic anhydride	19438-60-9	x								
1,3,5-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-tri(1H,3H,5H)-trione: TGIC	2451-62-9					x				
Nonylphenol C6H4(OH)C9H19	25154-52-3	x			x	x				
Hexahydromethylphthalic anhydride	25550-51-0		x							
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1		x		x					
tris(nonylphenyl) phosphite	26523-78-4				x			x		
Diocetyl tin dilaurate	3648-18-8	x	x		x					
Dodecamethylcyclohexasiloxane: D6	540-97-6	x	x	x	x	x		x		x
Decamethylcyclopentasiloxane (D5)	541-02-6		x	x	x	x		x		x
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride	552-30-7				x					
Cyclotetrasiloxane, octamethyl-	556-67-2		x	x	x	x		x		x
N,N-Dimethylformamide: dimethyl formamide (DMF)	68-12-2				x					
2-methylimidazole	693-98-1	x			x	x		x		x
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	x	x		x	x	x	x		x
Lead	7439-92-1	x	x	x	x	x	x	x	x	x
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8									x
2,2',6,6'-Tetrabromo-4,4'-isopropylidenediphenol	79-94-7	x		x	x	x	x	x		x
Bisphenol A: 4,4'-isopropylidenediphenol	80-05-7	x	x	x	x	x	x	x	x	x
bis(4-chlorophenyl) sulphone	80-07-9				x					
4,4'-Sulphonyldiphenol	80-09-1				x					
Alkane, C16-35-, Chloro-	85049-26-9		x				x	x		
Cyclohexane-1,2-dicarboxylic anhydride	85-42-7	x			x	x				x
Alkanes, C14-17, chloro	85535-85-9		x							
N-methyl-2-pyrrolidone: 1-methyl-2-pyrrolidone (NMP)	872-50-4				x					x
Nonylphenol ethoxylates (NPE) (C2H4O)nC15H24O	9016-45-9			x						
Poly(oxy-1,2'-ethanedivyl), alpha-[1,1,3,3-tetramethylbutyl]phenyl]-omega'-hydroxy-	9036-19-5									x
4-Methyl-m-phenylenediamine: 2,4-Toluenediamine	95-80-7		x			x				
Ethylene thiourea: imidazolidine-2-thione: 2-imidazoline-2-thiol	96-45-7		x	x	x	x		x		x
4-tert-butylphenol	98-54-4	x				x				x
Salts of Perfluorobutane sulfonic acid (PFBS)	-							x		
Medium-chain chlorinated paraffins (MCCP)	-				x					