



JECS PHENOL/PARABEN NATIVE STANDARD UNLABELED 10 UG/ML IN METHANOL

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 14/12/2017

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Supersedes: 14/12/2017

Version: 1.1

ES-5599

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixtures
Product name : JECS PHENOL/PARABEN NATIVE STANDARD UNLABELED 10 UG/ML IN METHANOL
Product code : ES-5599

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Main use category : Professional use
Industrial/Professional use spec : For professional use only

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Cambridge Isotope Laboratories, Inc.
50 Frontage Road
Andover, MA 01810
USA

USA: 1-800-322-1174 Int: 1-978-749-8000
cilsales@isotope.com www.isotope.com

Emergency telephone number

Emergency numbers:

Chemtrec: 1-800-424-9300 (24 hours)
International: 1-703-741-5970 (24 hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. 2	H225
Acute Tox. 3 (Oral)	H301
Acute Tox. 3 (Dermal)	H311
Acute Tox. 3 (Inhalation)	H331
Skin Irrit. 2	H315
Eye Irrit. 2	H319
STOT SE 1	H370

Full text of hazard classes and H-statements : see section 16

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

F; R11
T; R39/23/24/25
Xi; R36/38

Full text of R-phrases: see section 16

GHS-US classification

Flam. Liq. 2	H225
Acute Tox. 3 (Oral)	H301
Acute Tox. 3 (Dermal)	H311
Acute Tox. 3 (Inhalation:vapour)	H331
Skin Irrit. 2	H315
Eye Irrit. 2A	H319
STOT SE 1	H370

Full text of H statements : see section 16

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Adverse physicochemical, human health and environmental effects

Eyes, Kidney, Liver, Heart, Central nervous system. Highly flammable liquid and vapour. Causes damage to organs (eyes, kidneys, liver, heart, central nervous system) (if inhaled, if swallowed, in contact with skin). Toxic in contact with skin. Toxic if inhaled. Toxic if swallowed. Causes skin irritation. Causes serious eye irritation.

2.2. Label elements

Labeling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

Hazardous ingredients

: 100% METHANOL UNLABELED

Hazard statements (CLP)

: H225 - Highly flammable liquid and vapour
H301+H311+H331 - Toxic if swallowed, in contact with skin or if inhaled
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H370 - Causes damage to organs (eyes, heart, kidneys, liver, central nervous system) (in contact with skin, if inhaled, if swallowed)

Precautionary statements (CLP)

: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical, lighting, ventilating equipment
P260 - Do not breathe dust, mist, vapors, fume, gas, spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.

GHS-US labeling

Hazard pictograms (GHS-US)



Signal word (GHS-US)

: Danger

Hazard statements (GHS-US)

: H225 - Highly flammable liquid and vapour
H301+H311+H331 - Toxic if swallowed, in contact with skin or if inhaled
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H370 - Causes damage to organs (eyes, kidneys, liver, heart, central nervous system) (Dermal, Inhalation, oral)

Precautionary statements (GHS-US)

: P210 - Keep away from heat, open flames, sparks. - No smoking.
P233 - Keep container tightly closed.
P240 - Ground/Bond container and receiving equipment
P241 - Use explosion-proof electrical, lighting, ventilating equipment
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P260 - Do not breathe dust, fume, mist, gas, spray, vapors.
P261 - Avoid breathing dust, fume, gas, spray, vapors, mist.
P264 - Wash hands, forearms and face thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective clothing, protective gloves.
P301+P310 - If swallowed: Immediately call a doctor, a POISON CENTER
P302+P352 - If on skin: Wash with plenty of water
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

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P307+P311 - If exposed: Call a poison center/doctor
P311 - Call a doctor, a POISON CENTER
P312 - Call a doctor, a POISON CENTER if you feel unwell
P321 - Specific treatment (see Hazardous component(s) for labeling on this label)
P322 - Specific treatment (see Hazard pictograms (CLP) on this label)
P330 - Rinse mouth.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P361+P364 - Take off immediately all contaminated clothing and wash it before reuse.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P370+P378 - In case of fire: Use alcohol resistant foam, carbon dioxide (CO₂), dry extinguishing powder to extinguish.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P403+P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

2.3. Other hazards

PBT: not relevant – no registration required

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Directive 67/548/EEC
100% METHANOL UNLABELED	(CAS-No.) 67-56-1 (EC-No.) 200-659-6 (EC Index-No.) 603-001-00-X (REACH-no) 01-2119433307-44	99.970923	F; R11 T; R39/23/24/25 Xi; R36/38
4-NITROPHENOL UNLABELED	(CAS-No.) 100-02-7 (EC-No.) 202-811-7 (EC Index-No.) 609-015-00-2	0.001264	N; R51/53 T; R25 Xn; R48/20/21
ISOPROPYL PARABEN (ISOPROPYL 4-HYDROXYBENZOATE) UNLABELED	(CAS-No.) 4191-73-5 (EC-No.) 224-069-3	0.001264	Xn; R22 Xi; R41
BENZYL PARABEN (BENZYL 4-HYDROXYBENZOATE) UNLABELED	(CAS-No.) 94-18-8 (EC-No.) 202-311-9	0.001264	Not classified
BISPHENOL F UNLABELED	(CAS-No.) 620-92-8 (EC-No.) 210-658-2	0.001264	Xi; R36/37/38
BISPHENOL AF UNLABELED	(CAS-No.) 1478-61-1 (EC-No.) 216-036-7	0.001264	Xi; R36/37/38
BISPHENOL A UNLABELED substance listed as REACH Candidate (4,4'-isopropylidenediphenol (bisphenol A; BPA))	(CAS-No.) 92739-58-7 (EC-No.) 201-245-8 (EC Index-No.) 604-030-00-0	0.001264	Xn; R21/22 Xi; R37 R43 Xi; R41 Repr.Cat.3; R62 Repr.Cat.3; R63
BISPHENOL S UNLABELED	(CAS-No.) 80-09-1 (EC-No.) 201-250-5	0.001264	Xn; R22 Xi; R36 Xi; R37
TRICLOSAN UNLABELED (2',4,4'-TRICHLORO-2-HYDROXYDIPHENYL ETHER)	(CAS-No.) 3380-34-5 (EC-No.) 222-182-2 (EC Index-No.) 604-070-00-9	0.001264	Xi; R36/38 N; R50/53
2-ISOPROPYL-5-METHYLPHENOL UNLABELED	(CAS-No.) 89-83-8 (EC-No.) 201-944-8 (EC Index-No.) 604-032-00-1	0.001264	Xn; R22 C; R35 Xi; R41 N; R51/53
3-METHYL-4-NITROPHENOL UNLABELED	(CAS-No.) 2581-34-2 (EC-No.) 219-952-5 (EC Index-No.)	0.001264	Xi; R36/37/38 Xn; R20/21/22
N-PROPYL PARABEN (N-PROPYL 4-HYDROXYBENZOATE) UNLABELED	(CAS-No.) 94-13-3 (EC-No.) 202-307-7	0.001264	Not classified
N-PENTYL PARABEN UNLABELED	(CAS-No.) 6521-29-5	0.001264	Xi; R36/37/38
3,4,4'-TRICHLOROCARBANILIDE (TRICLOCARBAN) UNLABELED	(CAS-No.) 101-20-2 (unlabeled) (EC-No.) 204-825-9 (EC Index-No.) 602-028-00-4	0.001264	N; R50/53

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4-ISOPROPYL-3-METHYPHENOL UNLABELED	(CAS-No.) 3228-02-2 (EC-No.) 221-761-7 (EC Index-No.)	0.001264	Xi; R36/37/38
METHYL PARABEN (METHYL 4-HYDROXYBENZOATE) UNLABELED	(CAS-No.) 99-76-3 (EC-No.) 202-785-7 (unlabeled)	0.001264	R52/53
ISOBUTYL PARABEN (ISOBUTYL 4-HYDROXYBENZOATE) UNLABELED	(CAS-No.) 4247-02-3 (EC-No.) 224-208-8	0.001264	N; R51/53
N-HEPTYL PARABEN UNLABELED	(CAS-No.) 1085-12-7 (EC-No.) 214-115-0	0.001264	Xi; R36/37/38
4-TERT-OCTYLPHENOL UNLABELED substance listed as REACH Candidate (4-(1,1,3,3-tetramethylbutyl)phenol)	(CAS-No.) 140-66-9 (EC-No.) 205-426-2 (EC Index-No.) 604-075-00-6	0.001264	N; R50/53 Xi; R38 Xi; R41
5-ISOPROPYL-2-METHYPHENOL UNLABELED	(CAS-No.) 499-75-2 (EC-No.) 207-889-6	0.001264	Xn; R22 Xi; R41 Xi; R38
ETHYL PARABEN (ETHYL 4-HYDROXYBENZOATE) UNLABELED	(CAS-No.) 120-47-8 (unlabeled)	0.001264	N; R51
N-BUTYL PARABEN UNLABELED	(CAS-No.) 94-26-8 (Unlabeled) (EC-No.) 202-318-7	0.001264	Not classified
OXYBENZONE UNLABELED	(CAS-No.) 131-57-7 (unlabeled) (EC-No.) 205-031-5	0.001264	Xi; R36/37/38
P-N-NONYLPHENOL UNLABELED substance listed as REACH Candidate (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])	(CAS-No.) 104-40-5 (EC-No.) 203-199-4	0.001264	Repr.Cat.3; R62 Repr.Cat.3; R63 Xn; R22 C; R34 N; R50/53

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
100% METHANOL UNLABELED	(CAS-No.) 67-56-1 (EC-No.) 200-659-6 (EC Index-No.) 603-001-00-X (REACH-no) 01-2119433307-44	99.970923	Flam. Liq. 2, H225 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation:vapour), H331 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 1, H370
4-NITROPHENOL UNLABELED	(CAS-No.) 100-02-7 (EC-No.) 202-811-7 (EC Index-No.) 609-015-00-2	0.001264	Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 STOT RE 2, H373 Aquatic Chronic 2, H411
ISOPROPYL PARABEN (ISOPROPYL 4-HYDROXYBENZOATE) UNLABELED	(CAS-No.) 4191-73-5 (EC-No.) 224-069-3	0.001264	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
BENZYL PARABEN (BENZYL 4-HYDROXYBENZOATE) UNLABELED	(CAS-No.) 94-18-8 (EC-No.) 202-311-9	0.001264	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
BISPHENOL F UNLABELED	(CAS-No.) 620-92-8 (EC-No.) 210-658-2	0.001264	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
BISPHENOL AF UNLABELED	(CAS-No.) 1478-61-1 (EC-No.) 216-036-7	0.001264	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
BISPHENOL A UNLABELED substance listed as REACH Candidate (4,4'-isopropylidenediphenol (bisphenol A; BPA))	(CAS-No.) 92739-58-7 (EC-No.) 201-245-8 (EC Index-No.) 604-030-00-0	0.001264	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Eye Dam. 1, H318 Skin Sens. 1, H317 Repr. 2, H361 STOT SE 3, H335
BISPHENOL S UNLABELED	(CAS-No.) 80-09-1 (EC-No.) 201-250-5	0.001264	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
TRICLOSAN UNLABELED (2',4,4'-TRICHLORO-2-HYDROXYDIPHENYL ETHER)	(CAS-No.) 3380-34-5 (EC-No.) 222-182-2 (EC Index-No.) 604-070-00-9	0.001264	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
2-ISOPROPYL-5-METHLYPHENOL UNLABELED	(CAS-No.) 89-83-8 (EC-No.) 201-944-8 (EC Index-No.) 604-032-00-1	0.001264	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Chronic 2, H411

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3-METHYL-4-NITROPHENOL UNLABELED	(CAS-No.) 2581-34-2 (EC-No.) 219-952-5 (EC Index-No.)	0.001264	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
N-PROPYL PARABEN (N-PROPYL 4-HYDROXYBENZOATE) UNLABELED	(CAS-No.) 94-13-3 (EC-No.) 202-307-7	0.001264	Not classified
N-PENTYL PARABEN UNLABELED	(CAS-No.) 6521-29-5	0.001264	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
3,4,4'-TRICHLOROCARBANILIDE (TRICLOCARBAN) UNLABELED	(CAS-No.) 101-20-2 (unlabeled) (EC-No.) 204-825-9 (EC Index-No.) 602-028-00-4	0.001264	Carc. 2, H351 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
4-ISOPROPYL-3-METHYPHENOL UNLABELED	(CAS-No.) 3228-02-2 (EC-No.) 221-761-7 (EC Index-No.)	0.001264	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
METHYL PARABEN (METHYL 4-HYDROXYBENZOATE) UNLABELED	(CAS-No.) 99-76-3 (EC-No.) 202-785-7 (unlabeled)	0.001264	Aquatic Chronic 3, H412
ISOBUTYL PARABEN (ISOBUTYL 4-HYDROXYBENZOATE) UNLABELED	(CAS-No.) 4247-02-3 (EC-No.) 224-208-8	0.001264	Aquatic Chronic 2, H411
N-HEPTYL PARABEN UNLABELED	(CAS-No.) 1085-12-7 (EC-No.) 214-115-0	0.001264	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
4-TERT-OCTYLPHENOL UNLABELED substance listed as REACH Candidate (4-(1,1,3,3-tetramethylbutyl)phenol)	(CAS-No.) 140-66-9 (EC-No.) 205-426-2 (EC Index-No.) 604-075-00-6	0.001264	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
5-ISOPROPYL-2-METHYPHENOL UNLABELED	(CAS-No.) 499-75-2 (EC-No.) 207-889-6	0.001264	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318
ETHYL PARABEN (ETHYL 4-HYDROXYBENZOATE) UNLABELED	(CAS-No.) 120-47-8 (unlabeled)	0.001264	Not classified
N-BUTYL PARABEN UNLABELED	(CAS-No.) 94-26-8 (Unlabeled) (EC-No.) 202-318-7	0.001264	Not classified
OXYBENZONE UNLABELED	(CAS-No.) 131-57-7 (unlabeled) (EC-No.) 205-031-5	0.001264	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
P-N-NONYLPHENOL UNLABELED substance listed as REACH Candidate (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])	(CAS-No.) 104-40-5 (EC-No.) 203-199-4	0.001264	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Repr. 2, H361fd Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Name	Product identifier	%	GHS-US classification
100% METHANOL UNLABELED	(CAS-No.) 67-56-1	99.970923	Flam. Liq. 2, H225 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation:vapour), H331 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 1, H370
4-NITROPHENOL UNLABELED	(CAS-No.) 100-02-7	0.001264	Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 STOT RE 2, H373 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
ISOPROPYL PARABEN (ISOPROPYL 4-HYDROXYBENZOATE) UNLABELED	(CAS-No.) 4191-73-5	0.001264	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
BENZYL PARABEN (BENZYL 4-HYDROXYBENZOATE) UNLABELED	(CAS-No.) 94-18-8	0.001264	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
BISPHENOL F UNLABELED	(CAS-No.) 620-92-8	0.001264	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
BISPHENOL AF UNLABELED	(CAS-No.) 1478-61-1	0.001264	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335

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BISPHENOL A UNLABELED	(CAS-No.) 92739-58-7	0.001264	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Eye Dam. 1, H318 Skin Sens. 1, H317 Repr. 2, H361 STOT SE 3, H335 Aquatic Acute 2, H401
BISPHENOL S UNLABELED	(CAS-No.) 80-09-1	0.001264	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
TRICLOSAN UNLABELED (2',4,4'-TRICHLORO-2-HYDROXYDIPHENYL ETHER)	(CAS-No.) 3380-34-5	0.001264	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
2-ISOPROPYL-5-METHYLPHENOL UNLABELED	(CAS-No.) 89-83-8	0.001264	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
3-METHYL-4-NITROPHENOL UNLABELED	(CAS-No.) 2581-34-2	0.001264	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
N-PROPYL PARABEN (N-PROPYL 4-HYDROXYBENZOATE) UNLABELED	(CAS-No.) 94-13-3	0.001264	Aquatic Acute 2, H401
N-PENTYL PARABEN UNLABELED	(CAS-No.) 6521-29-5	0.001264	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
3,4,4'-TRICHLOROCARBANILIDE (TRICLOCARBAN) UNLABELED	(CAS-No.) 101-20-2 (unlabeled)	0.001264	Carc. 2, H351 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
4-ISOPROPYL-3-METHYLPHENOL UNLABELED	(CAS-No.) 3228-02-2	0.001264	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
METHYL PARABEN (METHYL 4-HYDROXYBENZOATE) UNLABELED	(CAS-No.) 99-76-3	0.001264	Aquatic Acute 3, H402 Aquatic Chronic 3, H412
ISOBUTYL PARABEN (ISOBUTYL 4-HYDROXYBENZOATE) UNLABELED	(CAS-No.) 4247-02-3	0.001264	Aquatic Acute 2, H401 Aquatic Chronic 2, H411
N-HEPTYL PARABEN UNLABELED	(CAS-No.) 1085-12-7	0.001264	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
4-TERT-OCTYLPHENOL UNLABELED	(CAS-No.) 140-66-9	0.001264	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
5-ISOPROPYL-2-METHYLPHENOL UNLABELED	(CAS-No.) 499-75-2	0.001264	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318
ETHYL PARABEN (ETHYL 4-HYDROXYBENZOATE) UNLABELED	(CAS-No.) 120-47-8 (unlabeled)	0.001264	Aquatic Acute 2, H401
N-BUTYL PARABEN UNLABELED	(CAS-No.) 94-26-8 (Unlabeled)	0.001264	Not classified
OXYBENZONE UNLABELED	(CAS-No.) 131-57-7 (unlabeled)	0.001264	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
P-N-NONYLPHENOL UNLABELED	(CAS-No.) 104-40-5	0.001264	Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314 Eye Dam. 1, H318 Repr. 2, H361 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of R- and H- phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: If medical advice is needed, have product container or label at hand. Call a physician immediately. Evacuate danger area.
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
First-aid measures after skin contact	: Rinse skin with water/shower. Take immediately victim to hospital. Remove/Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.

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First-aid measures after eye contact	: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.
First-aid measures after ingestion	: Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth. Call a physician immediately.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation	: Toxic if inhaled. Danger of serious damage to health by prolonged exposure through inhalation.
Symptoms/effects after skin contact	: Repeated exposure to this material can result in absorption through skin causing significant health hazard. Toxic in contact with skin. Causes skin irritation.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Dry powder. Dry sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Highly flammable liquid and vapour.
Explosion hazard	: May form flammable/explosive vapor-air mixture.
Reactivity	: Highly flammable liquid and vapour. May form flammable/explosive vapor-air mixture.

5.3. Advice for firefighters

Firefighting instructions	: Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. Wear recommended personal protective equipment.
Other information	: Use water spray to cool exposed surfaces.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.
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6.1.1. For non-emergency personnel

Emergency procedures	: Wear respiratory protection. Do not breathe dust, mist, gas, spray, vapors, fume. Avoid contact with skin, eyes and clothing. Ventilate spillage area. Remove all sources of ignition. No open flames, no sparks, and no smoking. Ensure adequate air ventilation. Special attention should be given to low areas/pits where flammable vapors can accumulate.
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6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
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6.2. Environmental precautions

Prevent entry to sewers and public waters. Do not allow to enter drains or water courses. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment	: Dike and contain spill.
Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters. This material and its container must be disposed of in a safe way, and as per local legislation.
Other information	: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	: Handle empty containers with care because residual vapors are flammable.
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Precautions for safe handling	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Do not breathe dust, fume, gas, spray, vapors, mist. Do not get in eyes, on skin, or on clothing. Use only outdoors or in a well-ventilated area.
Hygiene measures	: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Ground/bond container and receiving equipment. Store in a well-ventilated place. Keep container tightly closed. Store locked up.
Storage conditions	: Store at room temperature away from light and moisture.
Incompatible materials	: Heat sources.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

JECS PHENOL/PARABEN NATIVE STANDARD UNLABELED 10 UG/ML IN METHANOL		
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	200.00000000 ppm Basis: USA. ACGIH Threshold Limit Values (TLV)
Italy - Portugal - USA ACGIH	ACGIH STEL (ppm)	250 ppm Basis: USA. ACGIH Threshold Limit Values (TLV)
Italy - Portugal - USA ACGIH	Remark (ACGIH)	Headache. Nausea. Dizziness. Eye damage. Substances for which there is a Biological Exposure Index or Indices (see BEI section). Danger of cutaneous absorption.
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	260 mg/m ³ Basis: NIOSH Recommended Exposure Limits
USA NIOSH	NIOSH REL (TWA) (ppm)	200 ppm Basis: NIOSH Recommended Exposure Limits
USA NIOSH	NIOSH REL (STEL) (mg/m ³)	325 mg/m ³ Basis: NIOSH Recommended Exposure Limits
USA NIOSH	NIOSH REL (STEL) (ppm)	250 ppm Basis: NIOSH Recommended Exposure Limits
USA NIOSH	Remark (NIOSH)	Potential for dermal absorption.
USA OSHA	OSHA PEL (TWA) (mg/m ³)	260 mg/m ³ Basis: USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants - 1910.1000. California permissible exposure limits for chemical contaminants (Title 8, Article 107)
USA OSHA	OSHA PEL (TWA) (ppm)	200 ppm Basis: USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants - 1910.1000. California permissible exposure limits for chemical contaminants (Title 8, Article 107)
USA OSHA	OSHA PEL (STEL) (mg/m ³)	325 mg/m ³ Basis: USA. OSHA - Table Z-1 Limits for Air Contaminants - 1910.1000. California permissible exposure limits for chemical contaminants (Title 8, Article 107)
USA OSHA	OSHA PEL (STEL) (ppm)	250 ppm Basis: USA. OSHA - Table Z-1 Limits for Air Contaminants - 1910.1000. California permissible exposure limits for chemical contaminants (Title 8, Article 107)
USA OSHA	OSHA PEL (Ceiling) (ppm)	1000 ppm California permissible exposure limits for chemical contaminants (Title 8, Article 107)
USA OSHA	Remark (OSHA)	The value in mg/m ³ is approximate. Skin notation.
100% METHANOL UNLABELED (67-56-1)		
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	200.00000000 ppm Basis: USA. ACGIH Threshold Limit Values (TLV)
Italy - Portugal - USA ACGIH	ACGIH STEL (ppm)	250 ppm Basis: USA. ACGIH Threshold Limit Values (TLV)

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100% METHANOL UNLABELED (67-56-1)		
Italy - Portugal - USA ACGIH	Remark (ACGIH)	Headache. Nausea. Dizziness. Eye damage. Substances for which there is a Biological Exposure Index or Indices (see BEI section). Danger of cutaneous absorption.
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	260 mg/m ³ Basis: NIOSH Recommended Exposure Limits
USA NIOSH	NIOSH REL (TWA) (ppm)	200 ppm Basis: NIOSH Recommended Exposure Limits
USA NIOSH	NIOSH REL (STEL) (mg/m ³)	325 mg/m ³ Basis: NIOSH Recommended Exposure Limits
USA NIOSH	NIOSH REL (STEL) (ppm)	250 ppm Basis: NIOSH Recommended Exposure Limits
USA NIOSH	Remark (NIOSH)	Potential for dermal absorption.
USA OSHA	OSHA PEL (TWA) (mg/m ³)	260 mg/m ³ Basis: USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants - 1910.1000. California permissible exposure limits for chemical contaminants (Title 8, Article 107)
USA OSHA	OSHA PEL (TWA) (ppm)	200 ppm Basis: USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants - 1910.1000. California permissible exposure limits for chemical contaminants (Title 8, Article 107)
USA OSHA	OSHA PEL (STEL) (mg/m ³)	325 mg/m ³ Basis: USA. OSHA - Table Z-1 Limits for Air Contaminants - 1910.1000. California permissible exposure limits for chemical contaminants (Title 8, Article 107)
USA OSHA	OSHA PEL (STEL) (ppm)	250 ppm Basis: USA. OSHA - Table Z-1 Limits for Air Contaminants - 1910.1000. California permissible exposure limits for chemical contaminants (Title 8, Article 107)
USA OSHA	OSHA PEL (Ceiling) (ppm)	1000 ppm California permissible exposure limits for chemical contaminants (Title 8, Article 107)
USA OSHA	Remark (OSHA)	The value in mg/m ³ is approximate. Skin notation.
3,4,4'-TRICHLOROCARBANILIDE (TRICLOCARBAN) UNLABELED (101-20-2 (unlabeled))		
Italy - Portugal - USA ACGIH	ACGIH TWA (ppm)	25.00000000 ppm Central Nervous System impairment. Confirmed animal carcinogen.
Italy - Portugal - USA ACGIH	ACGIH STEL (ppm)	100 ppm Central Nervous System impairment. Confirmed animal carcinogen.

JECS PHENOL/PARABEN NATIVE STANDARD UNLABELED 10 UG/ML IN METHANOL	
DNEL/DMEL (Workers)	
Acute - systemic effects, dermal	40 mg/kg bodyweight/day
Acute - systemic effects, inhalation	260 mg/m ³
Acute - local effects, dermal	260 mg/cm ²
Long-term - systemic effects, dermal	40 mg/kg bodyweight/day
Long-term - local effects, dermal	260 mg/cm ²
Long-term - local effects, inhalation	260 mg/m ³
DNEL/DMEL (General population)	
Acute - systemic effects, dermal	8 mg/kg body weight
Acute - systemic effects, inhalation	50 mg/m ³
Acute - systemic effects, oral	8 mg/kg body weight
Acute - local effects, inhalation	50 mg/m ³
Long-term - systemic effects, oral	8 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	50 mg/m ³
Long-term - systemic effects, dermal	8 mg/kg bodyweight/day
Long-term - local effects, inhalation	50 mg/m ³
PNEC (Water)	
PNEC aqua (freshwater)	154 mg/l
PNEC aqua (marine water)	15.4 mg/l
PNEC (Sediment)	

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PNEC sediment (freshwater)	570.4 mg/kg dwt
PNEC (Soil)	
PNEC soil	23.5 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	100 mg/kg

8.2. Exposure controls

Appropriate engineering controls : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Personal protective equipment : Gloves. Protective clothing. Protective goggles. Self-contained breathing apparatus.



Materials for protective clothing : Wear suitable protective clothing and gloves.

Hand protection : Wear suitable protective clothing and gloves.

Eye protection : Wear eye protection. Chemical goggles or face shield with safety glasses.

Skin and body protection : Wear suitable protective clothing, gloves and eye/face protection.

Respiratory protection : In case of inadequate ventilation wear respiratory protection. Approved supplied air respirator.

Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The properties listed below are for the solvent, the main component of this mixture.

Physical state : Liquid

Appearance : Liquid

Molecular mass : 32.04 g/mol

Color : Colorless

Odor : Pungent

Odor threshold : No data available

pH : No data available

Relative evaporation rate (butyl acetate=1) : No data available

Melting point : -98 °C (-144 °F)

Freezing point : No data available

Boiling point : 64.7 °C (148.5 °F)

Flash point : 9.7 °C (49.5 °F) - closed cup

Auto-ignition temperature : 455 °C (851 °F) at 1,013 hPa (760 mmHg)

Decomposition temperature : No data available

Flammability (solid, gas) : Highly flammable liquid and vapour

Vapor pressure : 130.3 hPa (97.7 mmHg) at 20 °C (68 °F); 169.27 hPa (126.96 mmHg) at 25 °C (77 °F)

Vapor pressure at 50 °C : 546.6 hPa (410 mmHg) at 50 °C (122 °F)

Relative vapor density at 20 °C : 1.11

Relative density : No data available

Specific gravity / density : 0.791 g/ml at 25 °C (77 °F)

Solubility : Water: Completely miscible

Log Pow : -0.77

Log Kow : No data available

Viscosity, kinematic : No data available

Viscosity, dynamic : No data available

Explosive properties : Product is not explosive.

Oxidizing properties : Non oxidizing material according to EC criteria.

Explosion limits : 6 - 36 % (V)

9.2. Other information

No additional information available

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SECTION 10: Stability and reactivity

10.1. Reactivity

Highly flammable liquid and vapour. May form flammable/explosive vapor-air mixture.

10.2. Chemical stability

See storage and expiration date on CoA.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Acid anhydrides. Acid chlorides. Oxidizing agent. Alkali Metal Amides. Reducing agents. Acids.

10.6. Hazardous decomposition products

Carbon oxides (CO, CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Oral: Toxic if swallowed. Dermal: Toxic in contact with skin. Inhalation: Toxic if inhaled.

JECS PHENOL/PARABEN NATIVE STANDARD UNLABELED 10 UG/ML IN METHANOL	
LD50 oral rat	1187 - 2769 mg/kg
LD50 dermal rabbit	17100 mg/kg
LC50 inhalation rat (mg/l)	128.2 mg/l/4h ; 87.6 mg/l - 6 h
ATE CLP (oral)	100.029 mg/kg body weight
ATE CLP (dermal)	300.000 mg/kg body weight
ATE CLP (gases)	700.000 ppmV/4h
ATE CLP (vapors)	3.000 mg/l/4h
ATE CLP (dust, mist)	0.500 mg/l/4h
LDLO, oral, human	143 mg/kg Remarks: Lungs, Thorax, or Respiration: Dyspnea. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
100% METHANOL UNLABELED (67-56-1)	
LD50 oral rat	1187 - 2769 mg/kg
LD50 dermal rabbit	17100 mg/kg
LC50 inhalation rat (mg/l)	128.2 mg/l/4h ; 87.6 mg/l - 6 h
ATE CLP (oral)	100.000 mg/kg body weight
ATE CLP (dermal)	300.000 mg/kg body weight
ATE CLP (vapors)	3.000 mg/l/4h
ATE CLP (dust, mist)	128.200 mg/l/4h
LDLO, oral, human	143 mg/kg Remarks: Lungs, Thorax, or Respiration: Dyspnea. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
P-N-NONYLPHENOL UNLABELED (104-40-5)	
LD50 oral rat	1620 mg/kg
ATE CLP (oral)	1620.000 mg/kg body weight
OXYBENZONE UNLABELED (131-57-7 (unlabeled))	
LD50 oral rat	7400 mg/kg
ATE CLP (oral)	7400.000 mg/kg body weight
ETHYL PARABEN (ETHYL 4-HYDROXYBENZOATE) UNLABELED (120-47-8 (unlabeled))	
LD50 oral rat	> 3100 mg/kg (OECD Test Guideline 401)
5-ISOPROPYL-2-METHYPHENOL UNLABELED (499-75-2)	
LD50 oral rat	810 mg/kg Remarks: Behavioral:Somnolence (general depressed activity). Behavioral:Convulsions or effect on seizure threshold.
ATE CLP (oral)	500.000 mg/kg body weight
4-TERT-OCTYLPHENOL UNLABELED (140-66-9)	
LD50 oral rat	> 2000 mg/kg male and female (OECD Test Guideline 401)
N-HEPTYL PARABEN UNLABELED (1085-12-7)	
LD50	mg/kg

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ISOBUTYL PARABEN (ISOBUTYL 4-HYDROXYBENZOATE) UNLABELED (4247-02-3)	
LD50 oral rat	2600 mg/kg
ATE CLP (oral)	2600.000 mg/kg body weight
4-ISOPROPYL-3-METHYPHENOL UNLABELED (3228-02-2)	
LD50 oral rat	6280 mg/kg -Mouse. Remarks: Peripheral Nerve and Sensation:Spastic paralysis with or without sensory change. Lungs, Thorax, or Respiration:Respiratory stimulation.
N-PROPYL PARABEN (N-PROPYL 4-HYDROXYBENZOATE) UNLABELED (94-13-3)	
LD50 oral rat	> 5000 mg/kg
3-METHYL-4-NITROPHENOL UNLABELED (2581-34-2)	
LD50 oral rat	1200 mg/kg
ATE CLP (oral)	500.000 mg/kg body weight
ATE CLP (dermal)	1100.000 mg/kg body weight
ATE CLP (gases)	4500.000 ppmV/4h
ATE CLP (vapors)	11.000 mg/l/4h
ATE CLP (dust, mist)	1.500 mg/l/4h
2-ISOPROPYL-5-METHLYPHENOL UNLABELED (89-83-8)	
LD50 oral rat	980 mg/kg - male and female
LD50 dermal rat	> 2000 mg/kg - male and female
ATE CLP (oral)	500.000 mg/kg body weight
TRICLOSAN UNLABELED (2',4,4'-TRICHLORO-2-HYDROXYDIPHENYL ETHER) (3380-34-5)	
LD50 oral rat	3700 mg/kg
LD50 dermal rabbit	9300 g/kg
ATE CLP (oral)	3700.000 mg/kg body weight
ATE CLP (dermal)	9300000.000 mg/kg body weight
BISPHENOL S UNLABELED (80-09-1)	
LD50 oral rat	4556 mg/kg
LD50 dermal rabbit	> 10250 mg/kg
ATE CLP (oral)	500.000 mg/kg body weight
BISPHENOL A UNLABELED (92739-58-7)	
LD50 oral rat	> 2,000 - 5,000 mg/kg - male and female - (OECD Test Guideline 401)
LD50 dermal rabbit	3000 mg/kg
ATE CLP (oral)	500.000 mg/kg body weight
ATE CLP (dermal)	1100.000 mg/kg body weight
BISPHENOL AF UNLABELED (1478-61-1)	
LD50 oral rat	3400 mg/kg Remarks: Gastrointestinal: Other changes. Liver: Other changes. Kidney, Urether, Bladder: Other changes.
ATE CLP (oral)	3400.000 mg/kg body weight
BISPHENOL F UNLABELED (620-92-8)	
LD50 oral rat	4950 mg/kg
ISOPROPYL PARABEN (ISOPROPYL 4-HYDROXYBENZOATE) UNLABELED (4191-73-5)	
ATE CLP (oral)	500.000 mg/kg body weight
4-NITROPHENOL UNLABELED (100-02-7)	
LD50 oral rat	202 mg/kg Remarks: Behavioral:Somnolence (general depressed activity). Behavioral: Convulsions or effect on seizure threshold. Lungs, Thorax, or Respiration: Dyspnea.
LD50 dermal rat	1024 mg/kg
ATE CLP (oral)	202.000 mg/kg body weight
ATE CLP (dermal)	1024.000 mg/kg body weight
ATE CLP (dust, mist)	1.500 mg/l/4h

Skin corrosion/irritation	: Skin. Rabbit. Result: No skin irritation
Serious eye damage/irritation	: Eyes. Rabbit. Result: No eye irritation
Respiratory or skin sensitization	: Maximisation Test . Guinea pig. Did not cause sensitization. (OECD 406 method)
Germ cell mutagenicity	: AMES test : S. typhimurium. Result: negative. fibroblast. Result: Negative. Mutation in mammalian somatic cells. Mutagenicity (in vivo mammalian bone-marrow cystogenetic test, chromosomal analysis) - Mouse - male and female Result: negative. Mouse - male and female. Result: Negative
Carcinogenicity	: Not classified

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Reproductive toxicity	: Damage to fetus not classifiable. Fertility classification not possible from current data.
Specific target organ toxicity – single exposure	: Causes damage to organs through prolonged or repeated exposure Causes damage to organs
Specific target organ toxicity – repeated exposure	: The substance or mixture is not classified as specific target organ toxicant, repeated exposure. No data available

4-TERT-OCTYLPHENOL UNLABELED (140-66-9)

LOAEL (oral,rat,90 days)	150 mg/kg bodyweight/day male and female - No observed adverse effect level
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2-ISOPROPYL-5-METHYLPHENOL UNLABELED (89-83-8)

Additional information	Repeated dose toxicity Rat - male and female - Oral - NOAEL : 8 mg/kg
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BISPHENOL A UNLABELED (92739-58-7)

LOAEL (oral,rat,90 days)	600 mg/kg bodyweight/day male and female - OECD Test Guideline 407
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Aspiration hazard	: No aspiration toxicity classification.
Potential Adverse human health effects and symptoms	: This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. Effects due to Ingestion may include: Headache. Dizziness. Drowsiness. metabolic acidosis. Coma. May be fatal if swallowed and enters airways. If swallowed there is a risk of blindness. Effects on humans. stomach.
Symptoms/effects after inhalation	: Toxic if inhaled. Danger of serious damage to health by prolonged exposure through inhalation.
Symptoms/effects after skin contact	: Repeated exposure to this material can result in absorption through skin causing significant health hazard. Toxic in contact with skin. Causes skin irritation.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
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JECS PHENOL/PARABEN NATIVE STANDARD UNLABELED 10 UG/ML IN METHANOL

LC50 fish 1	15400 mg/l mortality LC50 - Lepomis macrochirus (Bluegill) - 96 h
EC50 Daphnia 1	> 10000 mg/l Daphnia magna (Water flea) - 48 h
EC50 Daphnia 2	22000 mg/l Growth inhibition EC50 - Scenedesmus capricornutum (fresh water algae) - 96 h
NOEC (acute)	7900 mg/l Oryzias latipes - 200 h

100% METHANOL UNLABELED (67-56-1)

LC50 fish 1	15400 mg/l mortality LC50 - Lepomis macrochirus (Bluegill) - 96 h
EC50 Daphnia 1	> 10000 mg/l Daphnia magna (Water flea) - 48 h
EC50 Daphnia 2	22000 mg/l Growth inhibition EC50 - Scenedesmus capricornutum (fresh water algae) - 96 h
NOEC (acute)	7900 mg/l Oryzias latipes - 200 h

P-N-NONYLPHENOL UNLABELED (104-40-5)

LC50 fish 1	1.4 mg/l Pimephales promels (fathead minnow) - 96 h
EC50 Daphnia 1	0.18 mg/l Daphnia magna (Water flea) - 24 h
ErC50 (algae)	0.243 mg/l Algae - 4 m

ETHYL PARABEN (ETHYL 4-HYDROXYBENZOATE) UNLABELED (120-47-8 (unlabeled))

LC50 fish 1	15 mg/l Danio rerio (zebra fish) - 96 h (OECD Test Guideline 203)
EC50 Daphnia 1	10 - 20 mg/l Daphnia magna (Water flea) - 48 h (ISO 6341)
EC50 other aquatic organisms 1	37 mg/l Pseudokirchneriella subcapitata (green algae) - 72 h (OECD Test Guideline 201)

4-TERT-OCTYLPHENOL UNLABELED (140-66-9)

LC50 fish 1	0.293 mg/l static test - Fundulus heteroclitus - 96 h
ErC50 (algae)	1.9 mg/l static test - Selenastrum capricornutum (green algae) - 96 h

METHYL PARABEN (METHYL 4-HYDROXYBENZOATE) UNLABELED (99-76-3)

LC50 fish 1	59.5 mg/l semi - 96 h
EC50 Daphnia 1	41.1 mg/l static - 48 h

N-PROPYL PARABEN (N-PROPYL 4-HYDROXYBENZOATE) UNLABELED (94-13-3)

LC50 fish 1	6.4 mg/l Danio rerio (zebra fish) - 96 h
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N-PROPYL PARABEN (N-PROPYL 4-HYDROXYBENZOATE) UNLABELED (94-13-3)	
EC50 Daphnia 1	15.4 mg/l Daphnia magna - 48 h
ErC50 (algae)	7.6 mg/l Pseudokirchneriella subcaptia (green algae) - 72 h
3-METHYL-4-NITROPHENOL UNLABELED (2581-34-2)	
LC50 fish 1	8.4 mg/l Oryzias latipes - 48 h
EC50 Daphnia 1	33 mg/l Daphnia magna (Water flea) - 24 h
2-ISOPROPYL-5-METHYLPHENOL UNLABELED (89-83-8)	
LC50 fish 1	4.7 mg/l - Oryzias latipes - 96.0 h (OECD Test Guideline 203)
LC50 other aquatic organisms 1	4.5 mg/l Immobilization LC50 - Daphnia magna (Water flea) - 48 h (OECD Test Guideline 202)
ErC50 (algae)	14 mg/l Growth inhibition EC50 - Pseudokirchneriella subcapitata (green algae) - 72 h (OECD Test Guideline 201)
TRICLOSAN UNLABELED (2',4,4'-TRICHLORO-2-HYDROXYDIPHENYL ETHER) (3380-34-5)	
LC50 fish 1	0.288 mg/l Oncorhynchus mykiss (rainbow trout) - 96.0 h
EC50 Daphnia 1	0.39 mg/l Daphnia magna (Water flea) - 48 h
BISPHENOL A UNLABELED (92739-58-7)	
LC50 fish 1	4.6 mg/l Pimephales promelas (fathead minnow) - 96 h
EC50 Daphnia 1	3.9 mg/l Daphnia magna (Water Flea) - 48 h
4-NITROPHENOL UNLABELED (100-02-7)	
LC50 fish 1	26.7 - 31.3 mg/l Cyprinodon variegatus (sheepshead minnow) - 96 h
LC50 other aquatic organisms 1	30.4 - 67 mg/l Pimephales promelas (fathead minnow) - 96 h
EC50 Daphnia 1	3.1 - 24 mg/l Daphnia magna (Water flea) - 48 h
EC50 other aquatic organisms 1	11 mg/l - 48 h
LC50 fish 2	3.8 - 18 mg/l Oncorhynchus mykiss (rainbow trout) - 96 h
NOEC (chronic)	5.31 mg/l Oncorhynchus mykiss (rainbow trout) - 14 d

12.2. Persistence and degradability

JECS PHENOL/PARABEN NATIVE STANDARD UNLABELED 10 UG/ML IN METHANOL	
Biochemical oxygen demand (BOD)	600 - 1200 mg/g
Chemical oxygen demand (COD)	1420 mg/g
ThOD	1500 mg/g
Biodegradation	72 % - rapidly biodegradable aerobic - Exposure time 5 d
100% METHANOL UNLABELED (67-56-1)	
Biochemical oxygen demand (BOD)	600 - 1200 mg/g
Chemical oxygen demand (COD)	1420 mg/g
ThOD	1500 mg/g
Biodegradation	72 % - rapidly biodegradable aerobic - Exposure time 5 d
P-N-NONYLPHENOL UNLABELED (104-40-5)	
Persistence and degradability	Not available.
OXYBENZONE UNLABELED (131-57-7 (unlabeled))	
Persistence and degradability	Not available.
N-BUTYL PARABEN UNLABELED (94-26-8 (Unlabeled))	
Persistence and degradability	Not available.
ETHYL PARABEN (ETHYL 4-HYDROXYBENZOATE) UNLABELED (120-47-8 (unlabeled))	
Persistence and degradability	Readily biodegradable, according to appropriate OECD test.
Biodegradation	88.4 % - Readily biodegradable. (OECD Test Guideline 301F)
4-TERT-OCTYLPHENOL UNLABELED (140-66-9)	
Persistence and degradability	Aerobic - exposure time: 28 d. Biodegradability Result: 0 % - According to the results of tests of biodegradability this product is not readily biodegradable.
3,4,4'-TRICHLOROCARBANILIDE (TRICLOCARBAN) UNLABELED (101-20-2 (unlabeled))	
Persistence and degradability	Not available.
N-PROPYL PARABEN (N-PROPYL 4-HYDROXYBENZOATE) UNLABELED (94-13-3)	
Persistence and degradability	Readily biodegradable.
2-ISOPROPYL-5-METHYLPHENOL UNLABELED (89-83-8)	
Persistence and degradability	May cause long-term adverse effects in the environment.
Biodegradation	83 % - Readily biodegradable. aerobic - Exposure time 28 d (OECD Test Guideline 302B)

JECS PHENOL/PARABEN NATIVE STANDARD UNLABELED 10 UG/ML IN METHANOL

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TRICLOSAN UNLABELED (2',4,4'-TRICHLORO-2-HYDROXYDIPHENYL ETHER) (3380-34-5)	
Persistence and degradability	Aerobic - exposure time: 28 d.
Biodegradation	37 % Not readily biodegradable.
BISPHENOL S UNLABELED (80-09-1)	
Persistence and degradability	Not available.
BISPHENOL A UNLABELED (92739-58-7)	
Biodegradation	89 % aerobic - Exposure time 28 d - - Readily biodegradable - (OECD Test Guideline 301F)
4-NITROPHENOL UNLABELED (100-02-7)	
Persistence and degradability	Aerobic - exposure time: 28 d.
Biodegradation	Result: 90 % - Readily biodegradable
12.3. Bioaccumulative potential	
JECS PHENOL/PARABEN NATIVE STANDARD UNLABELED 10 UG/ML IN METHANOL	
BCF fish 1	5 mg/l Cyprinus carpio (Carp) - 72 d at 20 °C
Bioconcentration factor (BCF REACH)	1
Log Pow	-0.77
100% METHANOL UNLABELED (67-56-1)	
BCF fish 1	5 mg/l Cyprinus carpio (Carp) - 72 d at 20 °C
Bioconcentration factor (BCF REACH)	1
Log Pow	-0.77
P-N-NONYLPHENOL UNLABELED (104-40-5)	
Bioconcentration factor (BCF REACH)	1300
Log Pow	5.76
OXYBENZONE UNLABELED (131-57-7 (unlabeled))	
Bioaccumulative potential	Not available.
N-BUTYL PARABEN UNLABELED (94-26-8 (Unlabeled))	
Bioaccumulative potential	Not available.
ETHYL PARABEN (ETHYL 4-HYDROXYBENZOATE) UNLABELED (120-47-8 (unlabeled))	
Log Pow	2.47
Bioaccumulative potential	Does not bioaccumulate.
4-TERT-OCTYLPHENOL UNLABELED (140-66-9)	
BCF fish 1	0.0047 mg/l Oryzias latipes - 48 h
Bioconcentration factor (BCF REACH)	261 (OECD Test Guideline 305)
Log Pow	4.8 at 22 °C (72 °F)
ISOBUTYL PARABEN (ISOBUTYL 4-HYDROXYBENZOATE) UNLABELED (4247-02-3)	
Log Pow	3.113
METHYL PARABEN (METHYL 4-HYDROXYBENZOATE) UNLABELED (99-76-3)	
Bioaccumulative potential	No data available.
3,4,4'-TRICHLOROCARBANILIDE (TRICLOCARBAN) UNLABELED (101-20-2 (unlabeled))	
Log Pow	5.786
Bioaccumulative potential	Not available.
N-PROPYL PARABEN (N-PROPYL 4-HYDROXYBENZOATE) UNLABELED (94-13-3)	
Log Pow	2.5 - 3
2-ISOPROPYL-5-METHYLPHENOL UNLABELED (89-83-8)	
BCF fish 1	1 µg/l - Oryzias latipes
Bioconcentration factor (BCF REACH)	48 (OECD Test Guideline 305C)
Log Pow	3.3
TRICLOSAN UNLABELED (2',4,4'-TRICHLORO-2-HYDROXYDIPHENYL ETHER) (3380-34-5)	
Log Pow	4.7
BISPHENOL S UNLABELED (80-09-1)	
Bioaccumulative potential	Not available.
BISPHENOL A UNLABELED (92739-58-7)	
BCF fish 1	0.015 mg/l Cyprinus carpio (Carp) - 42 d
Bioconcentration factor (BCF REACH)	0 20 - 67

JECS PHENOL/PARABEN NATIVE STANDARD UNLABELED 10 UG/ML IN METHANOL

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BISPHENOL A UNLABELED (92739-58-7)	
Log Pow	3.4 at 21.5 °C (70.7 °F)
ISOPROPYL PARABEN (ISOPROPYL 4-HYDROXYBENZOATE) UNLABELED (4191-73-5)	
Log Pow	2.342
4-NITROPHENOL UNLABELED (100-02-7)	
BCF fish 1	0.04441 mg/l Pimephales promelas (fathead minnow) - 28 d
Bioconcentration factor (BCF REACH)	280
Log Pow	1.91

12.4. Mobility in soil

JECS PHENOL/PARABEN NATIVE STANDARD UNLABELED 10 UG/ML IN METHANOL	
Ecology - soil	Not degradable in the soil.
100% METHANOL UNLABELED (67-56-1)	
Ecology - soil	Not degradable in the soil.
P-N-NONYLPHENOL UNLABELED (104-40-5)	
Ecology - soil	Not available.
OXYBENZONE UNLABELED (131-57-7 (unlabeled))	
Ecology - soil	Not available.
N-BUTYL PARABEN UNLABELED (94-26-8 (Unlabeled))	
Ecology - soil	Not available.
METHYL PARABEN (METHYL 4-HYDROXYBENZOATE) UNLABELED (99-76-3)	
Ecology - soil	No data available.
3,4,4'-TRICHLOROCARBANILIDE (TRICLOCARBAN) UNLABELED (101-20-2 (unlabeled))	
Ecology - soil	Not available.
BISPHENOL S UNLABELED (80-09-1)	
Ecology - soil	Not available.
BISPHENOL A UNLABELED (92739-58-7)	
Ecology - soil	Not available.
4-NITROPHENOL UNLABELED (100-02-7)	
Ecology - soil	No data available.

12.5. Results of PBT and vPvB assessment

JECS PHENOL/PARABEN NATIVE STANDARD UNLABELED 10 UG/ML IN METHANOL	
PBT: not relevant – no registration required	
100% METHANOL UNLABELED (67-56-1)	
PBT: not relevant – no registration required	
P-N-NONYLPHENOL UNLABELED (104-40-5)	
This substance/mixture does not meet the PBT criteria of REACH, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH, annex XIII	
5-ISOPROPYL-2-METHYPHENOL UNLABELED (499-75-2)	
PBT: not relevant – no registration required	
4-TERT-OCTYLPHENOL UNLABELED (140-66-9)	
This substance/mixture does not meet the PBT criteria of REACH, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH, annex XIII	
BISPHENOL A UNLABELED (92739-58-7)	
This substance/mixture does not meet the PBT criteria of REACH, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH, annex XIII	

12.6. Other adverse effects

Other adverse effects	: Avoid release to the environment.
Other information	: Stability in water: at 19 °C - (83 - 91%) - 72 h. Remarks: Hydrolyses on contact with water. Hydrolyses readily.

JECS PHENOL/PARABEN NATIVE STANDARD UNLABELED 10 UG/ML IN METHANOL

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Regional legislation (waste) : Waste materials should be disposed of under conditions which meet Federal, State, and local environmental control regulations.
- Product/Packaging disposal recommendations : Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.
- Additional information : Handle empty containers with care because residual vapors are flammable.
- Ecology - waste materials : Dispose of as unused product.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

- UN-No.(DOT) : 1230
- DOT NA no. : UN1230

14.2. UN proper shipping name

- Proper Shipping Name (DOT) : Methanol
- Class (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
- Hazard labels (DOT) : 3 - Flammable liquid
6.1 - Poison



- DOT Symbols : + - Fixes (cannot be altered) proper shipping name, hazard class, and packing group, I - Proper shipping name appropriate for international and domestic transportation
- Packing group (DOT) : II - Medium Danger
- DOT Special Provisions (49 CFR 172.102) : IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.
T7 - 4 178.274(d)(2) Normal..... 178.275(d)(3)
TP2 - a. The maximum degree of filling must not exceed the degree of filling determined by the following: (image) Where: tr is the maximum mean bulk temperature during transport, tf is the temperature in degrees celsius of the liquid during filling, and a is the mean coefficient of cubical expansion of the liquid between the mean temperature of the liquid during filling (tf) and the maximum mean bulk temperature during transportation (tr) both in degrees celsius. b. For liquids transported under ambient conditions may be calculated using the formula: (image) Where: d15 and d50 are the densities (in units of mass per unit volume) of the liquid at 15 C (59 F) and 50 C (122 F), respectively.
- DOT Packaging Exceptions (49 CFR 173.xxx) : 150
- DOT Packaging Non Bulk (49 CFR 173.xxx) : 202
- DOT Packaging Bulk (49 CFR 173.xxx) : 242

14.3. Additional information

- Emergency Response Guide (ERG) Number : 131
- Other information : No supplementary information available.

Overland transport

- Packing group (ADR) : II
- Class (ADR) : 3 - Flammable liquid
- Hazard identification number (Kemler No.) : 336
- Classification code (ADR) : FT1
- Hazard labels (ADR) : 3 - Flammable liquids
6.1 - Toxic substances



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Orange plates	:	<table border="1"><tr><td>336</td></tr><tr><td>1230</td></tr></table>	336	1230
336				
1230				
Tunnel restriction code (ADR)	:	D/E		
Limited quantities (ADR)	:	11		
Excepted quantities (ADR)	:	E2		

Transport by sea

DOT Vessel Stowage Location	:	B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.
DOT Vessel Stowage Other	:	40 - Stow "clear of living quarters"
MFAG-No	:	131

Air transport

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	:	1 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	:	60 L
Civil Aeronautics Law	:	Flammable liquids

14.4. Environmental hazards

Other information : No supplementary information available.

14.5. Special precautions for user

14.6. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

JECS PHENOL/PARABEN NATIVE STANDARD UNLABELED 10 UG/ML IN METHANOL	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard Delayed (chronic) health hazard
100% METHANOL UNLABELED (67-56-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
CERCLA RQ	5000 lb
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard Delayed (chronic) health hazard
SARA Section 313 - Emission Reporting	Subject to reporting requirements of United States SARA Section 313
P-N-NONYLPHENOL UNLABELED (104-40-5)	
SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313
OXYBENZONE UNLABELED (131-57-7 (unlabeled))	
SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard

JECS PHENOL/PARABEN NATIVE STANDARD UNLABELED 10 UG/ML IN METHANOL

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OXYBENZONE UNLABELED (131-57-7 (unlabeled))	
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313
N-BUTYL PARABEN UNLABELED (94-26-8 (Unlabeled))	
SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313
ETHYL PARABEN (ETHYL 4-HYDROXYBENZOATE) UNLABELED (120-47-8 (unlabeled))	
SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313
5-ISOPROPYL-2-METHYPHENOL UNLABELED (499-75-2)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
4-TERT-OCTYLPHENOL UNLABELED (140-66-9)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
N-HEPTYL PARABEN UNLABELED (1085-12-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
ISOBUTYL PARABEN (ISOBUTYL 4-HYDROXYBENZOATE) UNLABELED (4247-02-3)	
SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313
METHYL PARABEN (METHYL 4-HYDROXYBENZOATE) UNLABELED (99-76-3)	
SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313
4-ISOPROPYL-3-METHYPHENOL UNLABELED (3228-02-2)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
3,4,4'-TRICHLOROCARBANILIDE (TRICLOCARBAN) UNLABELED (101-20-2 (unlabeled))	
SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313
N-PENTYL PARABEN UNLABELED (6521-29-5)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
N-PROPYL PARABEN (N-PROPYL 4-HYDROXYBENZOATE) UNLABELED (94-13-3)	
SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313
3-METHYL-4-NITROPHENOL UNLABELED (2581-34-2)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.

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3-METHYL-4-NITROPHENOL UNLABELED (2581-34-2)	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
2-ISOPROPYL-5-METHYLPHENOL UNLABELED (89-83-8)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302.
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313.
TRICLOSAN UNLABELED (2',4,4'-TRICHLORO-2-HYDROXYDIPHENYL ETHER) (3380-34-5)	
SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313
BISPHENOL S UNLABELED (80-09-1)	
SARA Section 302 Threshold Planning Quantity (TPQ)	;SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313
BISPHENOL A UNLABELED (92739-58-7)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard
SARA Section 313 - Emission Reporting	Subject to reporting requirements of United States SARA Section 313
BISPHENOL AF UNLABELED (1478-61-1)	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313
BISPHENOL F UNLABELED (620-92-8)	
SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313
BENZYL PARABEN (BENZYL 4-HYDROXYBENZOATE) UNLABELED (94-18-8)	
SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313
ISOPROPYL PARABEN (ISOPROPYL 4-HYDROXYBENZOATE) UNLABELED (4191-73-5)	
SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313
4-NITROPHENOL UNLABELED (100-02-7)	
Subject to reporting requirements of United States SARA Section 313	
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard

15.2. International regulations

CANADA

JECS PHENOL/PARABEN NATIVE STANDARD UNLABELED 10 UG/ML IN METHANOL

Listed on the Canadian DSL (Domestic Substances List)

JECS PHENOL/PARABEN NATIVE STANDARD UNLABELED 10 UG/ML IN METHANOL

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100% METHANOL UNLABELED (67-56-1)

Listed on the Canadian DSL (Domestic Substances List)

N-HEPTYL PARABEN UNLABELED (1085-12-7)

4-NITROPHENOL UNLABELED (100-02-7)

Listed on the Canadian DSL (Domestic Substances List)

15.2.1. National regulations

N-HEPTYL PARABEN UNLABELED (1085-12-7)

Listed on the Canadian NDSL (Non-Domestic Substances List)

4-NITROPHENOL UNLABELED (100-02-7)

15.3. US State regulations

JECS PHENOL/PARABEN NATIVE STANDARD UNLABELED 10 UG/ML IN METHANOL

U.S. - California - Proposition 65 - Carcinogens List	No
U.S. - California - Proposition 65 - Developmental Toxicity	Yes
U.S. - California - Proposition 65 - Reproductive Toxicity - Female	No
U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No
State or local regulations	U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations U.S. - Massachusetts - Right To Know List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances

100% METHANOL UNLABELED (67-56-1)

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	Yes	No	No	

P-N-NONYLPHENOL UNLABELED (104-40-5)

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

OXYBENZONE UNLABELED (131-57-7 (unlabeled))

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

N-BUTYL PARABEN UNLABELED (94-26-8 (Unlabeled))

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

ETHYL PARABEN (ETHYL 4-HYDROXYBENZOATE) UNLABELED (120-47-8 (unlabeled))

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

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5-ISOPROPYL-2-METHYPHENOL UNLABELED (499-75-2)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
4-TERT-OCTYLPHENOL UNLABELED (140-66-9)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
N-HEPTYL PARABEN UNLABELED (1085-12-7)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
ISOBUTYL PARABEN (ISOBUTYL 4-HYDROXYBENZOATE) UNLABELED (4247-02-3)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
METHYL PARABEN (METHYL 4-HYDROXYBENZOATE) UNLABELED (99-76-3)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
4-ISOPROPYL-3-METHYPHENOL UNLABELED (3228-02-2)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
3,4,4'-TRICHLOROCARBANILIDE (TRICLOCARBAN) UNLABELED (101-20-2 (unlabeled))				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
Yes	No	No	No	
N-PENTYL PARABEN UNLABELED (6521-29-5)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
N-PROPYL PARABEN (N-PROPYL 4-HYDROXYBENZOATE) UNLABELED (94-13-3)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
3-METHYL-4-NITROPHENOL UNLABELED (2581-34-2)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

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3-METHYL-4-NITROPHENOL UNLABELED (2581-34-2)				
		Female	Male	
No	No	No	No	
2-ISOPROPYL-5-METHYLPHENOL UNLABELED (89-83-8)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
TRICLOSAN UNLABELED (2',4,4'-TRICHLORO-2-HYDROXYDIPHENYL ETHER) (3380-34-5)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
BISPHENOL S UNLABELED (80-09-1)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
BISPHENOL A UNLABELED (92739-58-7)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	Yes	No	
BISPHENOL AF UNLABELED (1478-61-1)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
BISPHENOL F UNLABELED (620-92-8)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
BENZYL PARABEN (BENZYL 4-HYDROXYBENZOATE) UNLABELED (94-18-8)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
ISOPROPYL PARABEN (ISOPROPYL 4-HYDROXYBENZOATE) UNLABELED (4191-73-5)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
4-NITROPHENOL UNLABELED (100-02-7)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)

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4-NITROPHENOL UNLABELED (100-02-7)				
No	No	No	No	
100% METHANOL UNLABELED (67-56-1)				
State or local regulations				
U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations U.S. - Massachusetts - Right To Know List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances				
P-N-NONYLPHENOL UNLABELED (104-40-5)				
State or local regulations				
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List				
OXYBENZONE UNLABELED (131-57-7 (unlabeled))				
State or local regulations				
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List				
N-BUTYL PARABEN UNLABELED (94-26-8 (Unlabeled))				
State or local regulations				
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List				
ETHYL PARABEN (ETHYL 4-HYDROXYBENZOATE) UNLABELED (120-47-8 (unlabeled))				
State or local regulations				
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List U.S. - New Jersey - Right to Know Hazardous Substance List				
5-ISOPROPYL-2-METHYPHENOL UNLABELED (499-75-2)				
State or local regulations				
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List				
4-TERT-OCTYLPHENOL UNLABELED (140-66-9)				
State or local regulations				
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List				
N-HEPTYL PARABEN UNLABELED (1085-12-7)				
State or local regulations				
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List				
ISOBUTYL PARABEN (ISOBUTYL 4-HYDROXYBENZOATE) UNLABELED (4247-02-3)				
State or local regulations				
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List				
METHYL PARABEN (METHYL 4-HYDROXYBENZOATE) UNLABELED (99-76-3)				
State or local regulations				
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List				
4-ISOPROPYL-3-METHYPHENOL UNLABELED (3228-02-2)				
State or local regulations				
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List				

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3,4,4'-TRICHLOROCARBANILIDE (TRICLOCARBAN) UNLABELED (101-20-2 (unlabeled))
State or local regulations
U.S. - Massachusetts - Right To Know List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List
N-PENTYL PARABEN UNLABELED (6521-29-5)
State or local regulations
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List
N-PROPYL PARABEN (N-PROPYL 4-HYDROXYBENZOATE) UNLABELED (94-13-3)
State or local regulations
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
3-METHYL-4-NITROPHENOL UNLABELED (2581-34-2)
State or local regulations
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List
2-ISOPROPYL-5-METHYLPHENOL UNLABELED (89-83-8)
State or local regulations
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List
TRICLOSAN UNLABELED (2',4,4'-TRICHLORO-2-HYDROXYDIPHENYL ETHER) (3380-34-5)
State or local regulations
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List
BISPHENOL S UNLABELED (80-09-1)
State or local regulations
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List
BISPHENOL A UNLABELED (92739-58-7)
State or local regulations
U.S. - Massachusetts - Right To Know List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List
BISPHENOL AF UNLABELED (1478-61-1)
State or local regulations
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
BISPHENOL F UNLABELED (620-92-8)
State or local regulations
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
BENZYL PARABEN (BENZYL 4-HYDROXYBENZOATE) UNLABELED (94-18-8)
State or local regulations
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
ISOPROPYL PARABEN (ISOPROPYL 4-HYDROXYBENZOATE) UNLABELED (4191-73-5)
State or local regulations
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List

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4-NITROPHENOL UNLABELED (100-02-7)

State or local regulations

U.S. - Massachusetts - Right To Know List
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other information

Other information : This product is not radioactive. The data given for this product are those of the corresponding unlabeled compound, unless specifically indicated otherwise. Health and safety data for labeled compounds are generally not available, but are assumed to be similar or identical to the corresponding unlabeled compound.

Full text of R-, H- and EUH-phrases:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal) Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhalation) Category 3
Acute Tox. 3 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Carc. 2	Carcinogenicity Category 2
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Flam. Liq. 2	Flammable liquids Category 2
Repr. 2	Reproductive toxicity Category 2
Repr. 2	Reproductive toxicity Category 2
Skin Corr. 1B	Skin corrosion/irritation Category 1B
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
STOT SE 1	Specific target organ toxicity (single exposure) Category 1
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H225	Highly flammable liquid and vapour
H301	Toxic if swallowed
H302	Harmful if swallowed
H311	Toxic in contact with skin
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H331	Toxic if inhaled
H332	Harmful if inhaled
H335	May cause respiratory irritation
H351	Suspected of causing cancer
H361	Suspected of damaging fertility or the unborn child
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H370	Causes damage to organs
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
R11	Highly flammable
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed

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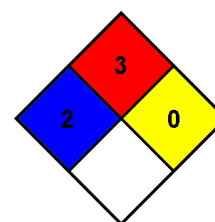
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R21/22	Harmful in contact with skin and if swallowed
R22	Harmful if swallowed
R25	Toxic if swallowed
R34	Causes burns
R35	Causes severe burns
R36	Irritating to eyes
R36/37/38	Irritating to eyes, respiratory system and skin
R36/38	Irritating to eyes and skin
R37	Irritating to respiratory system
R38	Irritating to skin
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed
R41	Risk of serious damage to eyes
R43	May cause sensitization by skin contact
R48/20/21	Harmful: danger of serious damage to health by prolonged exposure through inhalation and in contact with skin
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R51	Toxic to aquatic organisms
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R62	Possible risk of impaired fertility
R63	Possible risk of harm to the unborn child
C	Corrosive
F	Highly flammable
N	Dangerous for the environment
T	Toxic
Xi	Irritant
Xn	Harmful

- NFPA health hazard : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.
- NFPA fire hazard : 3 - Liquids and solids (including finely divided suspended solids) that can be ignited under almost all ambient temperature conditions.
- NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



Hazard Rating

- Health : 2 Moderate Hazard - Temporary or minor injury may occur
- Flammability : 3 Serious Hazard
- Physical : 0 Minimal Hazard

CIL Mixture SDS

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product