TL5071

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)
Issue date: 6/3/2025 Version: 1.0

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Product name : TL5071

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Anaerobic threadlocker
Restrictions on use : Product for industrial use only

1.4. Supplier's details

ResinLab, LLC
N109 W13300 Ellsworth Drive
Germantown, WI, 53022
United States
T 1-877-259-1669
msds@resinlab.com - www.resinlab.com

1.5. Emergency phone number

Emergency number : CHEMTREC:1-800-424-9300 (USA); +1 703-527-3887 (International)

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Skin corrosion/irritation, Category 2	H315	Causes skin irritation.
Serious eye damage/eye irritation, Category 2	H319	Causes serious eye irritation.
Skin sensitization, Category 1	H317	May cause an allergic skin reaction.
Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	H335	May cause respiratory irritation.
Specific target organ toxicity — Repeated exposure, Category 2	H373	May cause damage to organs through prolonged or repeated exposure.

Full text of H statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :

Signal word (GHS US) : Warning
Hazard statements (GHS US) : H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation
H373 - May cause damage to organs through prolonged or repeated exposure
Precautionary statements (GHS US) : P260 - Do not breathe dust, fume, gas, mist, vapors, spray.
P264 - Wash hands, forearms and face thoroughly after handling.

P271 - Use only outdoors or in a well-ventilated area.
P272 - Contaminated work clothing must not be allowed out of the workplace.
P280 - Wear protective gloves.
P302+P352 - If on skin: Wash with plenty of water.
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.
P312 - Call a poison center or doctor if you feel unwell.
P314 - Get medical advice or attention if you feel unwell.
P333+P313 - If skin irritation or rash occurs: Get medical advice or attention.
P337+P313 - If eye irritation persists: Get medical advice or attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
methacrylic acid, monoester with propane-1,2-diol	CAS-No.: 27813-02-1	10 – 30
Cumene hydroperoxide	CAS-No.: 80-15-9	1 – 5
Saccharin	CAS-No.: 81-07-2	1 – 5
Isopropylbenzene	CAS-No.: 98-82-8	0.5 – 1
N,N-dimethyl-p-toluidine	CAS-No.: 99-97-8	0.5 – 1

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

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : Call a poison center/doctor/physician if you feel unwell.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor/physician if you feel unwell.
First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell. Do NOT induce vomiting unless directed to do so by medical personnel.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation : May cause respiratory irritation.
Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact : Eye irritation.
Symptoms/effects after ingestion : None under normal conditions.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard : No fire hazard.
Explosion hazard : No direct explosion hazard.
Hazardous decomposition products in case of fire : Toxic fumes may be released. Nitrogen oxides. Sulfur oxides (SOx).

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. 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.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.

For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Ventilate spillage area. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

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".
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

Environmental precautions : Avoid release to the environment.

6.2. Methods and materials for containment and cleaning up

For containment : Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.
Methods for cleaning up : Take up liquid spill into absorbent material.
Other information : Dispose of materials or solid residues at an authorized site.

For further information refer to section 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

7.2. Conditions for safe storage, including incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.

Storage conditions : Store locked up. Store in a well-ventilated place. Keep container tightly closed.

Packaging materials : Store always product in container of same material as original container.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Isopropylbenzene (98-82-8)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Cumene
ACGIH® TLV® TWA	5 ppm
Remark (ACGIH)	TLV® Basis: URT adenoma; neurological eff. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Local name	Cumene
OSHA PEL TWA	245 mg/m³
	50 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station, ventilate curing ovens to prevent emissions in the workplace.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:
Wear recommended personal protective equipment.

Hand protection:
Protective gloves

Eye protection:
Safety glasses with side shields

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	liquid.
Color	:	Red
Odor	:	characteristic
Odor threshold	:	No data available
pH	:	No data available
Melting point	:	Not applicable
Freezing point	:	No data available
Boiling point	:	unknown
Flash point	:	unknown
Flammability (solid, gas)	:	Not applicable.
Vapor pressure	:	No data available
Relative vapor density at 20°C	:	No data available
Relative density	:	No data available
Density	:	1.06 g/cm³
Solubility	:	No data available
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity	:	No data available
Explosion limits	:	No data available
Particle characteristics	:	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Cumene hydroperoxide (80-15-9)	
LD50 oral rat	382 mg/kg (Rat, Male, Experimental value, Oral)
LD50 dermal rabbit	134 mg/kg body weight (24 h, Rabbit, Male, Weight of evidence, Dermal)
LC50 Inhalation - Rat	1.37 mg/l (4 h, Rat, Male, Experimental value, Converted value, Inhalation (vapours))
LC50 Inhalation - Rat [ppm]	220 ppm Animal: rat, Animal sex: male, Remarks on results: other:
ATE US (oral)	382 mg/kg body weight
ATE US (dermal)	134 mg/kg body weight
ATE US (gases)	220 ppmV/4h
ATE US (vapors)	1.37 mg/l/4h
ATE US (dust, mist)	1.37 mg/l/4h

Isopropylbenzene (98-82-8)	
LD50 oral rat	2700 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 014 day(s))
LD50 dermal rabbit	> 3160 mg/kg body weight (24 h, Rabbit, Male / female, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	39 mg/l (4 h, Rat, Male, Experimental value, Inhalation (vapours), 14 day(s))
ATE US (oral)	2700 mg/kg body weight
ATE US (vapors)	39 mg/l/4h
ATE US (dust, mist)	39 mg/l/4h

N,N-dimethyl-p-toluidine (99-97-8)	
LD50 oral rat	1650 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 oral	139 mg/kg body weight Animal: mouse, Guideline: other:
LD50 dermal rabbit	> 2000 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

N,N-dimethyl-p-toluidine (99-97-8)	
LC50 Inhalation - Rat	1.4 mg/l air Animal: rat, Guideline: other:
ATE US (oral)	139 mg/kg body weight
ATE US (gases)	700 ppmV/4h
ATE US (vapors)	3 mg/l/4h
ATE US (dust, mist)	0.5 mg/l/4h

methacrylic acid, monoester with propane-1,2-diol (27813-02-1)	
LD50 oral rat	≥ 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	> 5000 mg/kg body weight Animal: rabbit, Animal sex: male
ATE US (oral)	500 mg/kg body weight

Saccharin (81-07-2)	
LD50 oral rat	8440 – 9710 mg/kg body weight Animal: rat, Guideline: other:
LD50 dermal rabbit	4694 mg/kg body weight Animal: rabbit, Guideline: other:
ATE US (oral)	8440 mg/kg body weight
ATE US (dermal)	4694 mg/kg body weight

Skin corrosion/irritation : Causes skin irritation.

Cumene hydroperoxide (80-15-9)	
pH	No data available in the literature

Isopropylbenzene (98-82-8)	
pH	No data available in the literature

N,N-dimethyl-p-toluidine (99-97-8)	
pH	7.44 (1 vol %, 25 °C)

Saccharin (81-07-2)	
pH	2 (0.35 %)

Serious eye damage/irritation : Causes serious eye irritation.

Cumene hydroperoxide (80-15-9)	
pH	No data available in the literature

Isopropylbenzene (98-82-8)	
pH	No data available in the literature

N,N-dimethyl-p-toluidine (99-97-8)	
pH	7.44 (1 vol %, 25 °C)

Saccharin (81-07-2)	
pH	2 (0.35 %)

Respiratory or skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified.

Isopropylbenzene (98-82-8)	
IARC group	2B - Possibly carcinogenic to humans
National Toxicity Program (NTP) Status	Reasonably anticipated to be Human Carcinogen

N,N-dimethyl-p-toluidine (99-97-8)	
IARC group	2B - Possibly carcinogenic to humans

Saccharin (81-07-2)	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified

Saccharin (81-07-2)	
LOAEL (animal/male, F1)	500 mg/kg body weight Animal: mouse, Animal sex: male, Guideline: other:
NOAEL (animal/male, F0/P)	200 mg/kg body weight Animal: mouse, Animal sex: male, Guideline: other:
NOAEL (animal/female, F0/P)	2500 mg/kg body weight Animal: rat, Animal sex: female, Guideline: other:

STOT-single exposure : May cause respiratory irritation.

Isopropylbenzene (98-82-8)	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.

Cumene hydroperoxide (80-15-9)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

N,N-dimethyl-p-toluidine (99-97-8)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

methacrylic acid, monoester with propane-1,2-diol (27813-02-1)	
LOAEC (inhalation,rat,gas,90 days)	350 ppm Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study), Remarks on results: other:
NOAEL (oral,rat,90 days)	300 mg/kg body weight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
NOAEC (inhalation,rat,gas,90 days)	100 ppm Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study), Remarks on results: other:

Saccharin (81-07-2)	
LOAEL (oral,rat,90 days)	1000 mg/kg body weight Animal: rat, Animal sex: male, Guideline: other:

Aspiration hazard : Not classified

Cumene hydroperoxide (80-15-9)	
Viscosity	No data available in the literature

Isopropylbenzene (98-82-8)	
Viscosity	0.74 mm²/s (38 °C)

N,N-dimethyl-p-toluidine (99-97-8)	
Viscosity	No data available in the literature

Symptoms/effects after inhalation : May cause respiratory irritation.
Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact : Eye irritation.
Symptoms/effects after ingestion : None under normal conditions.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general : Harmful to aquatic life. Harmful to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short–term (acute) : Harmful to aquatic life.
Hazardous to the aquatic environment, long–term (chronic) : Harmful to aquatic life with long lasting effects.

Cumene hydroperoxide (80-15-9)	
LC50 - Fish [1]	3.9 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Semi-static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	19 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
ErC50 algae	3.1 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, GLP)

Isopropylbenzene (98-82-8)	
LC50 - Fish [1]	4.8 mg/l (EPA OTS 797.1400, 96 h, Oncorhynchus mykiss, Flow-through system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	2.14 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)
LC50 - Fish [2]	4.8 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 72h - Algae [1]	2.01 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	1.29 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
ErC50 algae	2.01 mg/l (EU Method C.3, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, GLP)
NOEC (chronic)	0.35 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	0.38 mg/l Test organisms (species): other:D. rerio and P. promelas Duration: '28 d'

N,N-dimethyl-p-toluidine (99-97-8)	
LC50 - Fish [1]	46 mg/l (96 h, Pimephales promelas, Fresh water, Experimental value, Lethal)
EC50 72h - Algae [1]	24.3 mg/l (Pseudokirchneriella subcapitata, Flow-through system, Fresh water, QSAR)

methacrylic acid, monoester with propane-1,2-diol (27813-02-1)	
EC50 - Crustacea [1]	> 143 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 97.2 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
NOEC (chronic)	45.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

Saccharin (81-07-2)	
LC50 - Fish [1]	18300 mg/l (96 h, Pimephales promelas, Flow-through system, Salt water, Experimental value, Lethal)
EC50 72h - Algae [1]	541170 mg/l (Chlorella vulgaris, Static system, Fresh water, Experimental value)
NOEC chronic fish	2500 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) Duration: '144 h'

12.2. Persistence and degradability

TL5071	
Persistence and degradability	Not rapidly degradable

Cumene hydroperoxide (80-15-9)	
Persistence and degradability	Not readily biodegradable in water.

Isopropylbenzene (98-82-8)	
Persistence and degradability	Readily biodegradable in water, Not easily biodegradable in water in anaerobic conditions.
Biochemical oxygen demand (BOD)	1.28 g O_2/g substance
Chemical oxygen demand (COD)	2.42 g O_2/g substance
ThOD	3.2 g O_2/g substance

N,N-dimethyl-p-toluidine (99-97-8)	
Persistence and degradability	Not readily biodegradable in water.

methacrylic acid, monoester with propane-1,2-diol (27813-02-1)	
Persistence and degradability	Not rapidly degradable

Saccharin (81-07-2)	
Persistence and degradability	Readily biodegradable in water.

12.3. Bioaccumulative potential

Cumene hydroperoxide (80-15-9)	
Partition coefficient n-octanol/water (Log Pow)	1.6 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

Isopropylbenzene (98-82-8)	
BCF - Fish [1]	94.69 l/kg (BCFBAF v3.00, Pisces, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	3.55 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 23 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

N,N-dimethyl-p-toluidine (99-97-8)	
BCF - Fish [1]	33 (EPA OTS 797.1520, Pisces, Calculated value)
Partition coefficient n-octanol/water (Log Pow)	1.729 (Experimental value, Equivalent or similar to OECD 107, 35 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

Saccharin (81-07-2)	
BCF - Fish [1]	1.58 – 2.1 (Experimental value)
Partition coefficient n-octanol/water (Log Pow)	-0.024 (Practical experience/observation, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

12.4. Mobility in soil

Cumene hydroperoxide (80-15-9)	
Surface tension	28 mN/m (-9 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.6 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)
Ecology - soil	Highly mobile in soil.

Isopropylbenzene (98-82-8)	
Surface tension	28.2 mN/m (20 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.9 (log Koc, Calculated value)
Ecology - soil	Low potential for adsorption in soil.

N,N-dimethyl-p-toluidine (99-97-8)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.1 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Low potential for adsorption in soil.

12.5. Other adverse effects

Ozone : Not classified
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Regional waste regulation : Disposal must be done according to official regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations : Disposal must be done according to official regulations.
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.
Additional information : Do not re-use empty containers.

SECTION 14 Transport information

In accordance with DOT / IMDG / IATA

14.1. UN number

UN-No. (DOT) : Not regulated
UN-No. (IMDG) : Not regulated
UN-No. (IATA) : Not regulated

14.2. UN Proper Shipping Name

Proper Shipping Name (DOT) : Not regulated
Proper Shipping Name (IMDG) : Not regulated
Proper Shipping Name (IATA) : Not regulated

14.3. Transport hazard class(es)

DOT
Transport hazard class(es) (DOT) : Not regulated

IMDG
Transport hazard class(es) (IMDG) : Not regulated

IATA
Transport hazard class(es) (IATA) : Not regulated

14.4. Packing group

Packing group (DOT) : Not regulated
Packing group (IMDG) : Not regulated
Packing group (IATA) : Not regulated

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT
Not regulated

IMDG
Not regulated

IATA
Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Cumene hydroperoxide	80-15-9	Present	Active	
Isopropylbenzene	98-82-8	Present	Active	
N,N-dimethyl-p-toluidine	99-97-8	Present	Active	
methacrylic acid, monoester with propane-1,2-diol	27813-02-1	Present	Active	
Saccharin	81-07-2	Present	Active	

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.		
Cumene hydroperoxide	CAS-No. 80-15-9	1 – 5%
Isopropylbenzene	CAS-No. 98-82-8	0.5 – 1%
Saccharin	CAS-No. 81-07-2	1 – 5%

Cumene hydroperoxide (80-15-9)	
CERCLA RQ	10 lb

Isopropylbenzene (98-82-8)
Listed on EPA Hazardous Air Pollutant (HAPS)

Isopropylbenzene (98-82-8)	
CERCLA RQ	5000 lb

Saccharin (81-07-2)	
CERCLA RQ	100 lb

15.2. International regulations

CANADA

Cumene hydroperoxide (80-15-9)

Listed on the Canadian DSL (Domestic Substances List)

Isopropylbenzene (98-82-8)

Listed on the Canadian DSL (Domestic Substances List)

N,N-dimethyl-p-toluidine (99-97-8)

Listed on the Canadian DSL (Domestic Substances List)

methacrylic acid, monoester with propane-1,2-diol (27813-02-1)

Listed on the Canadian DSL (Domestic Substances List)

Saccharin (81-07-2)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

Cumene hydroperoxide (80-15-9)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Isopropylbenzene (98-82-8)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

N,N-dimethyl-p-toluidine (99-97-8)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

methacrylic acid, monoester with propane-1,2-diol (27813-02-1)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Saccharin (81-07-2)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

Cumene hydroperoxide (80-15-9)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Isopropylbenzene (98-82-8)

Listed on IARC (International Agency for Research on Cancer)
Listed as carcinogen on NTP (National Toxicology Program)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on NZIoC (New Zealand Inventory of Chemicals)

N,N-dimethyl-p-toluidine (99-97-8)

Listed on IARC (International Agency for Research on Cancer)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on NZIoC (New Zealand Inventory of Chemicals)

methacrylic acid, monoester with propane-1,2-diol (27813-02-1)

Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Saccharin (81-07-2)

Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

15.3. State regulations

WARNING: This product can expose you to Cumene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Component	State or local regulations
Cumene hydroperoxide(80-15-9)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List
Isopropylbenzene(98-82-8)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List
Saccharin(81-07-2)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16 Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)
Issue date : 6/3/2025

Full text of hazard classes and H-statements	
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H373	May cause damage to organs through prolonged or repeated exposure
H402	Harmful to aquatic life
H412	Harmful to aquatic life with long lasting effects

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.