



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: US OSHA Hazard Communication Standard (29 CFR 1910.1200)

Revision Date 18-Sep-2026

Version 2.0

1. Identification

Product identifier

Product Name THERMA-TITE® 3004 3.0 Part B (Resin)

Other means of identification

Product Code 3004 3.0 (Part B)

Chemical family resin

Recommended use of the chemical and restrictions on use

Recommended Use polyurethane component; industrial chemicals

Suitable for use in industrial sector Polymers industry; chemical industry

Restrictions on use Uses other than recommended

Details of the supplier of the safety data sheet

Supplier Address / Manufacturer Address Innovative Polymer Systems

4117 Capital Drive

New Albany, IN 47150

Phone: (812) 776-6727

Emergency telephone number

Emergency Telephone Call CHEMTREC Day or Night:

Within USA and Canada: 1-800 424-9300

2. Hazards Identification

According to Regulation 2024 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Classification of the product

Acute Tox.	4 (oral)	Acute toxicity
Skin Irrit.	2	Skin irritation
Carc.	2	Carcinogenicity
Skin Sens.	1	Skin sensitization
Eye Dam.	1	Serious eye damage
Aquatic Acute	2	Hazardous to the aquatic environment - acute
Aquatic Chronic	2	Hazardous to the aquatic environment - chronic
Repr.	2 (unborn child)	Reproductive toxicity

Label elements

GHS05 (Corrosion), GHS07 (Exclamation Mark), GHS08 (Health Hazard), GHS09 (Environment)

Signal Word:

Danger

Hazard Statement:

H318	Causes serious eye damage.
H315	Causes skin irritation.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H351	Suspected of causing cancer.
H361	Suspected of damaging the unborn child.
H401	Toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

P280	Wear protective gloves, protective clothing and eye protection or face protection.
P201	Obtain special instructions before use.
P261	Avoid breathing mist or vapour or spray.
P273	Avoid release to the environment.
P202	Do not handle until all safety precautions have been read and understood.
P272	Contaminated work clothing should not be allowed out of the workplace.
P270	Do not eat, drink or smoke when using this product.
P264	Wash contaminated body parts thoroughly after handling.

Precautionary Statements (Response):

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or physician.
P308 + P313	IF exposed or concerned: Get medical attention.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P330	Rinse mouth.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P391	Collect spillage.

Precautionary Statements (Storage):

P405	Store locked up.
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Precautionary Statements (Disposal):

P501	Dispose of contents/container in accordance with local regulations.
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Hazards not otherwise classified

No specific dangers known, if the regulations/notes for storage and handling are considered.

3. Composition / Information on Ingredients

According to Regulation 2024 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Oxirane, 2-methyl-, polymer with oxirane, ether with 2,6-bis[[bis(2-hydroxyethyl)amino]methyl]-4- branched nonylphenol

CAS Number 940912-28-7

Content (W/W) ≥ 10.0 - $\leq 30.0\%$

Synonym (POLYMER) Oxirane, 2-methyl-, polymer with oxirane, ether with 2,6-bis[[bis(2-hydroxyethyl)amino]methyl]-4-branched nonylphenol

Aromatic Amino Polyol

CAS Number 302933-85-3

Content (W/W) ≥ 10.0 - $\leq 30.0\%$

Synonym (POLYMER) Formaldehyde, reaction products with branched 4-nonylphenol, diethanolamine and diisopropanolamine, ethoxylated propoxylated

1-Propene, 1-chloro-3,3,3-trifluoro-, (1E)-

CAS Number 102687-65-0

Content (W/W) ≥ 5.0 - $\leq 10.0\%$

Synonym No data available.

tris(2-chloro-1-methylethyl)phosphate

CAS Number 13674-84-5

Content (W/W) > 5.0 - $\leq 10.0\%$

Synonym 1-Chloro-2-propanol phosphate (3:1); Tris (2-chloro-1-methylethyl)phosphate

diethylene glycol

CAS Number 111-46-6

Content (W/W) ≥ 5.0 - $< 10.0\%$

Synonym 2,2'-Oxybisethanol

4-Nonylphenol, branched, ethoxylated

CAS Number 127087-87-0

Content (W/W) ≥ 3.0 - $\leq 10.0\%$

Synonym 4-Nonylphenol, branched, ethoxylated

Triethyl phosphate

CAS Number 78-40-0

Content (W/W) ≥ 1.0 - $\leq 5.0\%$

Synonym Phosphoric acid triethyl ester; Triethyl phosphate

cyclohexyldimethylamine

CAS Number 98-94-2

Content (W/W) ≥ 1.0 - $\leq 5.0\%$

Synonym N,N-Dimethyl cyclohexanamine; Cyclohexyldimethylamine

ethylene glycol

CAS Number 107-21-1

Content (W/W) ≥ 1.0 - $< 5.0\%$

Synonym 1,2-Ethanediol; Ethylene glycol

Ethylene oxide, polymer with 2,2'-iminodiethanol and propylene oxide

CAS Number 34354-45-5

Content (W/W) ≥ 1.0 - $< 5.0\%$

Synonym (POLYMER) Ethylene oxide, polymer with 2,2'-iminodiethanol and

propylene oxide

Hexanoic acid, 2-ethyl-, bismuth(3+) salt

CAS Number 67874-71-9

Content (W/W) $\geq 0.1 - < 1.0\%$

Synonym No data available.

Bismuth, 2,2',2'',2'''-(1,2-ethanediyl)dinitrilo)tetrakis[ethanol] neodecanoate polypropylene glycol complexes

CAS Number 2365490-81-7

Content (W/W) $\geq 0.1 - \leq 1.0\%$

Synonym No data available.

The actual concentration is withheld as a trade secret.

4. First-Aid Measures

Description of first aid measures

General advice:

Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

If on skin:

Wash thoroughly with soap and water. If irritation develops, seek medical attention.

If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist. Remove contact lenses, if present.

If swallowed:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. Do not induce vomiting. Immediate medical attention required.

Most important symptoms and effects, both acute and delayed

Symptoms (Further) symptoms and / or effects are not known so far corneal injury, allergic symptoms, skin irritation, Ingestion may cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Information on diethylene glycol

Symptoms Overexposure may cause:., vomiting, coma, abdominal cramps, lethargy, nausea, diarrhea, headache

Information on tris(2-chloro-1-methylethyl)phosphate

Symptoms Overexposure may cause:., convulsions, depression, hypoxemia, tremors

Information on Triethyl phosphate

Symptoms Overexposure may cause:., Eye irritation, skin irritation, erythema, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps

Information on cyclohexyldimethylamine

Symptoms Overexposure may cause:., corneal injury, skin corrosion, severe pain, coughing, respiratory disorders, dyspnea, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps

Information on 2,2'-dimorpholinyl-diethylether

Symptoms Overexposure may cause:., Eye irritation, skin irritation, erythema, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps

Information on Oxirane, 2-methyl-, polymer with oxirane, ether with 2,6-bis[[bis(2-hydroxyethyl)amino]methyl]-4-branched nonylphenol

Symptoms Ingestion may cause gastrointestinal irritation with nausea, vomiting and diarrhea., skin irritation, corneal injury

Information on ethylene glycol

Symptoms Overexposure may cause:., corneal injury, severe pain, skin irritation, coughing, respiratory disorders, dyspnea, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps

Hazards Symptoms can appear later.

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment:	Treat according to symptoms (decontamination, vital functions), no known specific antidote.
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5. Fire-Fighting Measures**Extinguishing media****Suitable extinguishing media:**

water spray, dry powder, carbon dioxide, foam

Unsuitable extinguishing media for safety reasons:

water jet

Special hazards arising from the substance or mixture**Hazards during fire-fighting:**

No particular hazards known.

Advice for fire-fighters**Protective equipment for fire-fighting:**

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information:

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. Accidental release measures**Further accidental release measures:**

High risk of slipping due to leakage/spillage of product.

Personal precautions, protective equipment and emergency procedures

Use personal protective clothing.

Environmental precautions

Do not empty into drains. Do not discharge into the subsoil/soil.

Methods and material for containment and cleaning up

Spills should be contained, solidified, and placed in suitable containers for disposal.

7. Handling and Storage**Precautions for safe handling**

Ensure thorough ventilation of stores and work areas. When using do not eat, drink or smoke. Wear suitable gloves and eye/face protection. Protect against moisture. Avoid inhalation of dusts/mists/vapours.

Protection against fire and explosion:

No special precautions necessary.

Conditions for safe storage, including any incompatibilities

Segregate from foods and animal feeds.

Suitable materials for containers Carbon steel (Iron), High density polyethylene (HDPE), Low density polyethylene (LDPE), Stainless steel 1.4301 (V2)

Further information on storage conditions From this information no suitability of the materials mentioned above for the design of installations, including containers for permanent storage, can be inferred. Special conditions apply to the selection of materials in this regard, which we can communicate on request. Containers should be stored tightly sealed in a dry place.

Storage stability:

Storage temperature 16 - 27 °C Protect against moisture. The stated storage temperature is noted for health and safety in the workplace. With regard to Quality, please refer to the product specific Technical Bulletin.

8. Exposure Controls/Personal Protection

Components with occupational exposure limits

ethylene glycol	ACGIH, US:	TWA value 25 ppm Vapor fraction ;
	ACGIH, US:	STEL value 50 ppm Vapor fraction ;
	ACGIH, US:	STEL value 10 mg/m3 Inhalable fraction, Aerosole ;

Advice on system design:

Provide local exhaust ventilation to control vapours/mists.

Personal protective equipment

Respiratory protection:

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator as needed.

Hand protection:

Chemical resistant protective gloves, Protective glove selection must be based on the user's assessment of the workplace hazards.

Eye protection:

Wear face shield or tightly fitting safety goggles (chemical goggles) if splashing hazard exists.

Body protection:

Standard work clothes and shoes., Body protection must be chosen based on level of activity and exposure.

General safety and hygiene measures:

Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice. Wear protective clothing as necessary to prevent contact. Avoid inhalation of vapours/mists. Wash soiled clothing immediately. Do not eat, drink or use tobacco while working. Wash thoroughly after handling.

9. Physical and Chemical Properties

Physical state:	liquid	
Form:	liquid	
Odour:	amine-like	
Odour threshold:	No applicable information available.	
Colour:	amber	
pH value:	>= 7.0	
Freezing point:	> 0.00 °C	
Melting point:	No data available.	
Boiling point:	> 100.00 °C	
Sublimation point:	No applicable information available.	
Flash point:	> 200.00 °F	(closed cup)
Flammability:	not flammable	(derived from flash point)
Lower explosion limit:	For liquids not relevant for classification and labelling. The lower explosion point may be 5 - 15 °C below the flash point.	
Upper explosion limit:	For liquids not relevant for classification and labelling.	
Autoignition:	Unspecified	
Vapour pressure:	< 0.1 hPa (25 °C)	
Density:	2.6 - 2.8 lb/USg (23.88 °C)	
Relative density:	No applicable information available.	

Relative vapour density:	No applicable information available.	
Partitioning coefficient n- octanol/water (log Pow):	Unspecified	
Self-ignition temperature:	not self-igniting	
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.	
Viscosity, dynamic:	380.000 mPa.s (22.00 °C)	
Viscosity, kinematic:	not determined	
Solubility in water:	slightly soluble	
Solubility (quantitative):	No applicable information available.	
Solubility (qualitative):	No applicable information available.	
Molecular weight:	No data available.	
Evaporation rate:	Value can be approximated from Henry's Law Constant or vapor pressure.	
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.	

Particle characteristics

No applicable information available.

10. Stability and Reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Corrosion to metals:

No corrosive effect on metal.

Oxidizing properties:

Not an oxidizer.

Chemical stability

The product is chemically stable.

Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed/indicated.

Conditions to avoid

Temperature < 0 degrees Celsius

Incompatible materials

acids, oxidizing agents, isocyanates

Hazardous decomposition products**Decomposition products:**

Hazardous decomposition products carbon monoxide, carbon dioxide, nitrogen oxide, hydrogen cyanide

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

11. Toxicological information

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity Of moderate toxicity after single ingestion.

Information on diethylene glycol

Assessment of acute toxicity:Of moderate toxicity after single ingestion. Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation.

Information on tris(2-chloro-1-methylethyl)phosphate

Assessment of acute toxicity:Of moderate toxicity after single ingestion. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact. The product has not been fully tested. The statements have been derived in parts from products of a similar structure or composition.

Information on Triethyl phosphate

Assessment of acute toxicity:Of moderate toxicity after single ingestion. Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation.

Information on cyclohexyldimethylamine

Assessment of acute toxicity:Of high toxicity after single ingestion. Of pronounced toxicity after short- term inhalation. Of pronounced toxicity after short-term skin contact.

Information on Oxirane, 2-methyl-, polymer with oxirane, ether with 2,6-bis[[bis(2-

hydroxyethyl)amino]methyl]-4-branched nonylphenol Assessment of acute toxicity:Of moderate toxicity after single ingestion.

Information on Aromatic Amino Polyol

Assessment of acute toxicity:Of moderate toxicity after short-term skin contact.

Information on Polyetherpolyol, halogenated

Information on 4-Nonylphenol, branched, ethoxylated

Information on ethylene glycol

Assessment of acute toxicity:Of moderate toxicity after single ingestion. Classification according to the effects on man. Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation.

Oral

Type of value ATE

Value 1,763 mg/kg

Inhalation

No applicable information available.

Dermal

No applicable information available.

Assessment other acute effects

Assessment of STOT single:

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

Origin of data expert judgement

Irritation / corrosion

Assessment of irritating effects May cause severe damage to the eyes. Skin contact causes irritation.

Information on Triethyl phosphate

Assessment of irritating effects Not irritating to the skin. Eye contact causes irritation.

Information on 2,2'-dimorpholinyl-diethylether

Assessment of irritating effects Eye contact causes irritation. Skin contact causes slight irritation.

Information on Oxirane, 2-methyl-, polymer with oxirane, ether with 2,6-bis[[bis(2-hydroxyethyl)amino]methyl]-4-branched nonylphenol

Assessment of irritating effects Skin contact causes irritation. May cause severe damage to the eyes.

Information on cyclohexyldimethylamine

Assessment of irritating effects Corrosive! Damages skin and eyes.

Information on Bismuth, 2,2',2''-(1,2-ethanediyldinitrilo)tetrakis[ethanol] neodecanoate polypropylene glycol complexes

Information on 4-Nonylphenol, branched, ethoxylated

Information on Ethylene oxide, polymer with 2,2'-iminodiethanol and propylene oxide

Assessment of irritating effects Skin contact causes irritation. May cause severe damage to the eyes.

Information on Aromatic Amino Polyol

Assessment of irritating effects May cause severe damage to the eyes.

Information on 4-Nonylphenol, branched, ethoxylated

Information on Hexanoic acid, 2-ethyl-, bismuth(3+) salt

Assessment of irritating effects Skin contact causes irritation. May cause severe damage to the eyes.

Sensitization

Assessment of sensitization Sensitization after skin contact possible.

Information on Bismuth, 2,2',2'',2'''-(1,2-ethanediyl)dinitrilo)tetrakis[ethanol] neodecanoate
polypropylene glycol complexes

Aspiration Hazard

No aspiration hazard expected.

Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity Repeated oral uptake of the substance did not cause substance-related effects. Repeated inhalative uptake of the substance did not cause substance-related effects. Repeated dermal uptake of the substance did not cause substance-related effects.

Information on diethylene glycol

Assessment of repeated dose toxicity The substance may cause damage to the kidney after repeated ingestion of high doses, as shown in animal studies. The substance may cause damage to the liver after repeated ingestion of high doses, as shown in animal studies. The effects were only observed at doses/concentrations not relevant for classification and/or practical use conditions. These effects are not relevant to humans at occupational levels of exposure.

Genetic toxicity

Assessment of mutagenicity The chemical structure does not suggest a specific alert for such an effect. No applicable information available.

Carcinogenicity

Assessment of carcinogenicity Indication of possible carcinogenic effect in animal tests.

Information on tris(2-chloro-1-methylethyl)phosphate

Assessment of carcinogenicity Indication of possible carcinogenic effect in animal tests. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Reproductive toxicity

Assessment of reproduction toxicity The chemical structure does not suggest a specific alert for such an effect. No applicable information available.

Teratogenicity

Assessment of teratogenicity Indications of possible developmental toxicity/teratogenicity were seen in animal studies.

Information on ethylene glycol

Assessment of teratogenicity Developmental toxicity was observed after oral ingestion of high doses in studies with rats and mice, but this effect was not seen in a study with rabbits. Mechanistic studies show that the rabbit is the relevant species for the classification for human health. As such, and since ethylene glycol is not a developmental toxicant in the rabbit, no classification is warranted.

Information on Hexanoic acid, 2-ethyl-, bismuth(3+) salt

Assessment of teratogenicity Indications of possible developmental toxicity/teratogenicity were seen in animal studies. The product has not been tested. The statement has been derived from the properties of the individual components.

Other Information

The product has not been tested. The statement has been derived from the properties of the individual components.

Medical conditions aggravated by overexposure

Individuals with allergic history or pre-existing dermatitis should use extra precautions when handling this product. The substance may cause sensitization of the skin in particularly sensitive individuals.

12. Ecological Information

Toxicity

Aquatic toxicity

Assessment of aquatic toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components. Acutely toxic for aquatic organisms. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Toxicity to fish

Information on tris(2-chloro-1-methylethyl)phosphate

LC50 (96 h) 51 mg/l, Pimephales promelas (OECD Guideline 203, static) The statement of the toxic effect relates to the analytically determined concentration. LC50 (96 h) 56.2 mg/l, Brachydanio rerio (Fish test acute, static) The statement of the toxic effect relates to the analytically determined concentration.

Information on cyclohexyldimethylamine

LC50 (96 h) 28 mg/l, Oncorhynchus mykiss (OECD 203; ISO 7346; 84/449/EWG, C.1, static)

Information on Aromatic Amino Polyol

LC50 (96 h) 1.07 mg/l (Flow through.)

Information on 1-Propene, 1-chloro-3,3,3-trifluoro-, (1E)-

LC50 (96 h) 38 mg/l, Oncorhynchus mykiss (OECD 203; ISO 7346; 92/69/EWG, C.1, static)

Aquatic invertebrates

Information on tris(2-chloro-1-methylethyl)phosphate

EC50 (48 h) 131 mg/l, Daphnia magna (OECD Guideline 202, part 1, static) The statement of the toxic effect relates to the analytically determined concentration.

Information on cyclohexyldimethylamine

LC50 (48 h) 75 mg/l, Daphnia magna (OECD Guideline 202, part 1, static) The statement of the toxic effect relates to the analytically determined concentration.

Information on Aromatic Amino Polyol

EC50 (48 h) 8.35 mg/l (Flow through.)

Information on 1-Propene, 1-chloro-3,3,3-trifluoro-, (1E)-

EC50 (48 h) 82 mg/l, Daphnia magna (OECD Guideline 202, part 1, static)

Aquatic plants

Information on tris(2-chloro-1-methylethyl)phosphate

EC50 (72 h) 82 mg/l (growth rate), Pseudokirchneriella subcapitata (OECD Guideline 201, static) Nominal concentration. EC10 (72 h) 42 mg/l (growth rate), Pseudokirchneriella subcapitata (OECD Guideline 201, static) Nominal concentration.

Information on cyclohexyldimethylamine

EC50 (72 h) 3.5 mg/l (growth rate), Pseudokirchneriella subcapitata (OECD Guideline 201, static) Nominal values (confirmed by concentration control analytics) EC10 (72 h) 0.6 mg/l (growth rate), Pseudokirchneriella subcapitata (OECD Guideline 201, static) Nominal values (confirmed by concentration control analytics)

Information on Aromatic Amino Polyol

No observed effect concentration (96 h) 0.0986 mg/l (static) EC50 (96 h) 0.59 mg/l (static)

Information on 1-Propene, 1-chloro-3,3,3-trifluoro-, (1E)-

EC50 (72 h) > 215 mg/l (growth rate), Pseudokirchneriella subcapitata (OECD Guideline 201, static) No observed effect concentration (72 h) 115 mg/l (growth rate), Pseudokirchneriella subcapitata (OECD Guideline 201, static)

Chronic toxicity to aquatic invertebrates

Information on tris(2-chloro-1-methylethyl)phosphate

No observed effect concentration (21 d) 32 mg/l, Daphnia magna (OECD Guideline 202, part 2, semistatic) Nominal concentration.

Information on cyclohexyldimethylamine

No observed effect concentration (21 d) 0.754 mg/l, Daphnia magna (other, static)

Microorganisms/Effect on activated sludge**Toxicity to microorganisms**

Information on tris(2-chloro-1-methylethyl)phosphate

DIN EN ISO 8192 aquatic

activated sludge/EC50 (3 h) 784 mg/l Nominal concentration.

Information on cyclohexyldimethylamine

DIN 38412 Part 8 static

bacterium/EC10 (17 h) 137 mg/l Nominal concentration.

Persistence and degradability**Assessment biodegradation and elimination (H2O)**

Poorly biodegradable.

Elimination information

Poorly biodegradable.

Bioaccumulative potential**Assessment bioaccumulation potential**

Does not significantly accumulate in organisms.

Mobility in soil**Assessment transport between environmental compartments**

Adsorption to solid soil phase is not expected.

Additional information**Adsorbable organically-bound halogen(AOX):**

This product contains no organically-bound halogen.

Other ecotoxicological advice:

Do not allow to enter soil, waterways or waste water channels. Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

13. Disposal considerations**Waste disposal of substance:**

Incinerate or dispose of in a licensed facility. Do not discharge substance/product into sewer system.

Container disposal:

Do not reuse empty containers. Under no circumstances should empty drums be burned or cut open with gas or electric torch as toxic decomposition products may be liberated. Steel drums must be emptied and can be sent to a licensed drum reconditioner for reuse, a scrap metal dealer or an approved landfill. Do not attempt to refill or clean containers since residue is difficult to remove.

14. Transport Information**Land transport**

USDOT

Not classified as a dangerous good under transport regulations

Sea transport

IMDG

Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations

15. Regulatory Information

Federal Regulations

Registration status:

Chemical	TSCA, US
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All substances are TSCA listed and active.

EPCRA 311/312 (Hazard categories) Refer to SDS section 2 for GHS hazard classes applicable for this product.

EPCRA 313:

CAS Number	Chemical name
127087-87-0	4-Nonylphenol, branched, ethoxylated

State regulations

State RTK	CAS Number	Chemical name
NJ	98-94-2	cyclohexyldimethylamine
	107-21-1	ethylene glycol
PA	107-21-1	ethylene glycol
	111-46-6	diethylene glycol
	50-00-0	Formaldehyde
	123-91-1	1,4-dioxane

Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:

WARNING This product can expose you to chemicals including ETHYLENE OXIDE, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

NFPA Hazard codes:

Health: 3	Fire: 1	Reactivity: 1	Special:
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HMIS III rating

Health: 3 ⁺	Flammability: 1	Physical hazard: 1
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16. Other information

Prepared By IPS Technical Service Department.

Revision Date 18-Sep-2026

Revision Note Version 2.0.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

END OF SAFETY DATA SHEET