

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## PREVENTOL BIT 20 N

Version	Revision Date:	SDS Number:	Date of last issue: 04/11/2024
3.0	09/29/2025	203000008769	Country / Language: US / EN

### SECTION 1. IDENTIFICATION

Product name : PREVENTOL BIT 20 N

Product code : 000000000057780923

EPA registration number : 39967-150

#### Manufacturer or supplier's details

Company : LANXESS Corporation  
Product Safety & Regulatory Affairs  
111 RIDC Park West Drive  
Pittsburgh, Pennsylvania 15275-1112

Responsible Department : (800) LANXESS  
(412) 809-1000  
lanxesshes@lanxess.com

Emergency telephone : CHEMTREC (800) 424-9300 or  
(703) 527-3887 (Outside U.S.A) and mention CCN12916.  
Lanxess Emergency Phone (800) 410-3063.

#### Recommended use of the chemical and restrictions on use

Recommended use : Biocide for industrial application

### SECTION 2. HAZARDS IDENTIFICATION

**GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)**

#### Hazards for the product as supplied

Acute toxicity (Oral)	: Category 4
Acute toxicity (Inhalation)	: Category 4
Skin irritation	: Category 2
Serious eye damage	: Category 1
Skin sensitization	: Category 1

#### Other hazards

None known.


#### GHS label elements

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Hazard pictograms	:	
Signal Word	:	Danger
Hazard Statements	:	H302 + H332 Harmful if swallowed or if inhaled. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage.
Supplemental Hazard Statements	:	Corrosive to the respiratory tract.
Precautionary Statements	:	<b>Prevention:</b> P261 Avoid breathing mist or vapors. P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. 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/ eye protection/ face protection. <b>Response:</b> P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth. P302 + P352 IF ON SKIN: Wash with plenty of water. P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor. P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. P362 + P364 Take off contaminated clothing and wash it before reuse. <b>Disposal:</b> P501 Dispose of contents/ container to an approved waste disposal plant.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature :

#### Components

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Chemical name	CAS No./Unique ID	Concentration (% w/w)
1,2-benzisothiazol-3(2H)-one	2634-33-5*	$\geq 10 - \leq 30$
sodium hydroxide	1310-73-2*	$\geq 3 - \leq 7$

\* Indicates that the identifier is a CAS No.

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

### SECTION 4. FIRST AID MEASURES

- General advice : Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.
- If inhaled : Get medical attention immediately.  
Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
If unconscious, place in recovery position and get medical attention immediately.  
Maintain open airway.  
If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
- In case of skin contact : Wash off with soap and water.  
Remove contaminated clothing and shoes.  
Continue to rinse for at least 20 minutes.  
Get medical attention if symptoms occur.  
Wash contaminated clothing before reuse.
- In case of eye contact : Get medical attention immediately.  
In case of contact, flush eyes with plenty of water for at least 30 minutes. Use fingers to ensure that eyelids are separated and that the eye is being irrigated.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
Chemical burns must be treated promptly by a physician.
- If swallowed : Rinse mouth with water.  
Do not induce vomiting unless directed to do by medical personnel.  
If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.  
If unconscious, place in recovery position and get medical attention immediately.  
Never give anything by mouth to an unconscious person.  
Maintain open airway.

#### Most important symptoms and effects, both acute and delayed

- Symptoms : Acute overexposure to this product may cause dizziness, headache, drowsiness, malaise, abdominal pain.

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Eye: Corrosive with symptoms of reddening, tearing, swelling, burning and possible permanent damage.

Skin: Causes irritation with symptoms of reddening, itching, and swelling.

Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Effects : Harmful if swallowed or if inhaled.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye damage.  
Corrosive to the respiratory tract.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training.

Notes to physician : Treat symptomatically.

### SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media : None known.

Specific hazards during fire fighting : In a fire or if heated, a pressure increase will occur and the container may burst.  
Toxic and irritating gases/fumes may be given off during burning or thermal decomposition.  
Water runoff from fire fighting may be corrosive.

Hazardous combustion products : Carbon dioxide (CO<sub>2</sub>)  
Carbon monoxide  
Nitrogen oxides (NO<sub>x</sub>)  
Sulfur oxides  
Metal oxides

Further information : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.  
No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

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- |   |  |
|---|--|
| Personal precautions, protective equipment and emergency procedures | :<br>No action shall be taken involving any personal risk or without suitable training.<br>Put on appropriate personal protection equipment.<br>Do not touch or walk through spilled material.<br>Evacuate unnecessary personnel.<br>Keep unnecessary and unprotected personnel from entering.<br>Provide adequate ventilation.  |
| Environmental precautions   | :<br>Prevent product from entering drains.<br>Prevent further leakage or spillage if safe to do so.  |
| Methods and materials for containment and cleaning up               | :<br>Stop leak if safe to do so.<br>Move containers from spill area.<br>Wash spillages into an effluent treatment plant or proceed as follows.<br>Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).<br>Dispose of wastes in an approved waste disposal facility.<br>Do not allow into the sewerage system, surface waters or groundwater or into the soil.<br>Contaminated absorbent material may pose the same hazard as the spilled product. |

### SECTION 7. HANDLING AND STORAGE

- |                             |   |
|-----------------------------|---|
| Advice on safe handling     | :<br>Remove contaminated clothing and protective equipment before entering eating areas.<br>Workers should wash hands and face before eating, drinking and smoking.<br>Put on appropriate personal protection equipment.<br>Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.<br>Avoid inhalation, ingestion and contact with skin and eyes.<br>Use only with adequate ventilation.<br>Persons with a history of skin sensitization to this product should not be employed in any process in which this product is used. |
| Conditions for safe storage | :<br>Store in accordance with local regulations.<br>Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink.<br>Keep containers sealed until ready for use.<br>Containers that have been opened must be carefully resealed and kept upright to prevent leakage.<br>Do not store in unlabeled containers.<br>Use appropriate container to avoid environmental contamination.<br>Empty containers retain residue and can be dangerous.<br>Do not reuse container.        |

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Recommended storage temperature : > 23 °F / > -5 °C

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
sodium hydroxide	1310-73-2	C	2 mg/m <sup>3</sup>	ACGIH
		TWA	2 mg/m <sup>3</sup>	OSHA Z-1

**Engineering measures** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.  
If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

#### Personal protective equipment

**Respiratory protection** : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.  
NIOSH approved, air-purifying organic vapor respirator.

**Filter type** : Combined inorganic and acidic gas/vapor, ammonia/amines and organic vapor type

#### Hand protection

**Material** : Polyvinyl chloride - PVC  
**Wearing time** : < 60 min

**Material** : Nitrile rubber - NBR  
**Wearing time** : < 60 min

**Material** : Polychloroprene - CR  
**Wearing time** : < 60 min

**Remarks** : The suitability for a specific workplace should be discussed with the producers of the protective gloves. After contamination with product change the gloves immediately and dispose of them according to relevant national and local regulations

**Eye protection** : Tightly fitting safety goggles  
Wear face-shield and protective suit for abnormal processing problems.

**Skin and body protection** : Wear suitable protective clothing.  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.  
Wear work clothing including long pants and long-sleeve

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shirts.  
Chemical resistant apron

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.  
Appropriate techniques should be used to remove potentially contaminated clothing.  
Wash contaminated clothing before reusing.  
Ensure that eyewash stations and safety showers are close to the workstation location.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid

Physical state : liquid

Color : clear, amber

Odor : odorless

Odor Threshold : No data available

pH : 10 - 13  
Concentration: 100 %

Melting point/ range : -27 °F / -33 °C

Boiling point/boiling range : 212 °F / 100 °C

Flash point : 280.00 °F / 137.78 °C  
Method: open cup

Evaporation rate : No data available

Self-ignition : No data available

Burning number : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

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Vapor pressure : 14.25 mmHg (68 °F / 20 °C)  
48.75 mmHg (122 °F / 50 °C)  
56.25 mmHg (131 °F / 55 °C)

Relative density : No data available

Density : 1.144 g/cm<sup>3</sup> (68 °F / 20 °C)

Solubility(ies)  
Water solubility : partly soluble

Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : No data available

Ignition temperature : 707 °F / 375 °C

Decomposition temperature : No data available

Viscosity  
Viscosity, dynamic : No data available  
Viscosity, kinematic : 124 mm<sup>2</sup>/s (68 °F / 20 °C)

Explosive properties : No data available

Oxidizing properties : No data available

Metal corrosion rate : Not corrosive to metals.

Particle size : No data available

### SECTION 10. STABILITY AND REACTIVITY

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : The product is chemically stable.

Possibility of hazardous reactions : No dangerous reaction known under conditions of normal use.

Conditions to avoid : Protect from freezing.

Incompatible materials : Oxidizing agents  
Reducing agents  
Mild steel  
Aluminum



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Copper

Hazardous decomposition products : No hazardous decomposition products are known.

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

Inhalation  
Ingestion  
Skin contact  
Eye contact  
Inhalation  
Skin contact  
Eye contact  
Ingestion

#### Acute toxicity

Harmful if swallowed or if inhaled.

#### Product:

Acute oral toxicity : LD50 (Rat, female): 1,030 mg/kg  
Method: OECD Test Guideline 425  
GLP: Yes

Acute inhalation toxicity : LC50 (Rat, male and female): > 2.07 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OPPTS 870.1300  
GLP: Yes  
Remarks: No mortality at specified concentration  
Test results on an analogous substance/product.

LC50 (Rat, male): 4.83 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403  
GLP: Yes  
Remarks: Test results on an analogous substance/product.

LC50 (Rat, female): > 5.38 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403  
GLP: Yes  
Remarks: Test results on an analogous substance/product.

Acute dermal toxicity : LD50 (Rat, male and female): > 5,000 mg/kg  
Method: OECD Test Guideline 402  
GLP: Yes

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### Components:

#### **1,2-benzisothiazol-3(2H)-one:**

Acute oral toxicity	:	LD50 (Rat, male and female): 670 mg/kg Method: OECD Test Guideline 401
		LD50 (Rat, male and female): 454 mg/kg Method: OECD Test Guideline 401
Acute inhalation toxicity	:	LC50 (Rat, male): 0.21 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 403
Acute dermal toxicity	:	LD50 (Rat, male and female): > 2,000 mg/kg Method: OECD Test Guideline 402 Assessment: The substance or mixture has no acute dermal toxicity Remarks: Dosage caused no mortality
		LD50 (Rat, male and female): > 5,000 mg/kg Method: OECD Test Guideline 402 Assessment: The substance or mixture has no acute dermal toxicity Remarks: Dosage caused no mortality Extrapolation according to Regulation (EC) No. 440/2008

### **Skin corrosion/irritation**

Causes skin irritation.

### Product:

Species	:	Rabbit
Method	:	OECD Test Guideline 404
Result	:	Irritating to skin.
GLP	:	Yes

### Components:

#### **1,2-benzisothiazol-3(2H)-one:**

Species	:	Guinea pig
Result	:	Skin irritation

Species	:	Rabbit
Result	:	Skin irritation

Species	:	Human
Result	:	Skin irritation

#### **sodium hydroxide:**

Species	:	Rabbit
Method	:	OECD Test Guideline 435
Result	:	Causes severe burns.

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GLP : No

### Serious eye damage/eye irritation

Causes serious eye damage.

#### Product:

Species	:	Rabbit
Result	:	Risk of serious damage to eyes.
Method	:	OECD Test Guideline 405
GLP	:	Yes

#### Components:

##### **1,2-benzisothiazol-3(2H)-one:**

Species	:	Rabbit
Result	:	Risk of serious damage to eyes.
Method	:	EPA OPP 81-4

##### **sodium hydroxide:**

Species	:	Rabbit
Result	:	Risk of serious damage to eyes.
Method	:	OECD Test Guideline 405

### Respiratory or skin sensitization

#### **Skin sensitization**

May cause an allergic skin reaction.

#### **Respiratory sensitization**

Not classified due to lack of data.

#### Components:

##### **1,2-benzisothiazol-3(2H)-one:**

Routes of exposure	:	Skin contact
Species	:	Guinea pig
Method	:	OECD Test Guideline 406
Result	:	May cause sensitization by skin contact.

##### **sodium hydroxide:**

Species	:	Human
Assessment	:	Does not cause skin sensitization.
GLP	:	No

### Germ cell mutagenicity

Not classified due to lack of data.

#### Components:

##### **1,2-benzisothiazol-3(2H)-one:**

Genotoxicity in vitro	:	Test system: Bacteria
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Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 471  
Result: negative

Test system: Human lymphocytes  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 473  
Result: positive

Test system: mouse lymphoma cells  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 476  
Result: negative

Genotoxicity in vivo : Species: Rat (male)  
Application Route: Oral  
Method: OECD Test Guideline 486  
Result: negative

Species: Mouse (male and female)  
Application Route: Oral  
Method: OECD Test Guideline 474  
Result: negative

### sodium hydroxide:

Genotoxicity in vitro : Test Type: Ames test  
Test system: Salmonella typhimurium  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 471  
Result: negative

Genotoxicity in vivo : Test Type: Micronucleus test  
Species: Mouse  
Application Route: Intraperitoneal  
Method: OECD Test Guideline 474  
Result: negative

### Carcinogenicity

Not classified due to lack of data.

**IARC** No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA** No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**NTP** No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

### Reproductive toxicity

Not classified due to lack of data.

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### Components:

#### **1,2-benzisothiazol-3(2H)-one:**

Effects on fertility : Species: Rat, female  
Application Route: Oral  
General Toxicity Parent: NOAEL: 112 mg/kg body weight  
General Toxicity F1: NOAEL: 56.6 mg/kg body weight  
General Toxicity F2: NOAEL: 56.6 mg/kg body weight  
Method: OPPTS 870.3800  
Result: negative

Effects on fetal development : Species: Rat, female  
Application Route: Oral  
Developmental Toxicity: NOAEL: 112 mg/kg body weight  
Method: OPPTS 870.3800  
Result: negative

#### **STOT-single exposure**

Corrosive to the respiratory tract.

#### **STOT-repeated exposure**

Not classified due to lack of data.

#### **Repeated dose toxicity**

### Components:

#### **1,2-benzisothiazol-3(2H)-one:**

Species : Rat, male and female  
NOAEL : 150 mg/kg  
Application Route : Oral  
Exposure time : 28 d  
Method : OECD Test Guideline 407  
Remarks : Subacute toxicity

Species : Rat, male and female  
NOAEL : 69 mg/kg  
Application Route : Oral  
Exposure time : 90 d  
Method : Regulation (EC) No. 440/2008, Annex, B.26  
Remarks : Subchronic toxicity

#### **Aspiration toxicity**

Not classified due to lack of data.

#### **Further information**

### Product:

Remarks : No data available

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### SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

##### Components:

##### **1,2-benzisothiazol-3(2H)-one:**

- |  |   |   |
|--|---|---|
| Toxicity to fish   | : | LC50 (Oncorhynchus mykiss (rainbow trout)): 2.15 mg/l<br>Exposure time: 96 h<br>Method: OECD Test Guideline 203   |
| Toxicity to daphnia and other aquatic invertebrates                    | : | EC50 (Daphnia magna (Water flea)): 2.9 mg/l<br>Exposure time: 48 h<br>Method: OECD Test Guideline 202   |
| Toxicity to algae/aquatic plants                                       | : | ErC50 (Raphidocelis subcapitata (freshwater green alga)): 0.11 mg/l<br>End point: Growth rate<br>Exposure time: 72 h<br>Method: OECD Test Guideline 201<br><br>NOEC (Raphidocelis subcapitata (freshwater green alga)): 0.0403 mg/l<br>End point: Growth rate<br>Exposure time: 72 h<br>Method: OECD Test Guideline 201 |
| Toxicity to fish (Chronic toxicity)                                    | : | NOEC (Pimephales promelas (fathead minnow)): 0.2 mg/l<br>Exposure time: 33 d<br>Method: OECD Test Guideline 210   |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : | NOEC (Daphnia magna (Water flea)): 0.91 mg/l<br>Exposure time: 21 d<br>Method: OECD Test Guideline 211  |
| Toxicity to microorganisms   | : | EC50 (adapted and activated sludge micro-organism): 12.8 mg/l<br>Exposure time: 3 h<br>Method: OECD Test Guideline 209  |

##### **sodium hydroxide:**

- |   |   |  |
|---|---|--|
| Toxicity to fish                                    | : | LC50 (Trout): 45.4 mg/l<br>Exposure time: 96 h                       |
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia magna (Water flea)): > 100 mg/l<br>Exposure time: 48 h |

#### **Ecotoxicology Assessment**

- |                          |   |   |
|--------------------------|---|---|
| Acute aquatic toxicity   | : | This product has no known ecotoxicological effects. |
| Chronic aquatic toxicity | : | This product has no known ecotoxicological effects. |

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### Persistence and degradability

#### Components:

##### **1,2-benzisothiazol-3(2H)-one:**

Biodegradability : aerobic  
Inoculum: adapted and activated sludge micro-organism  
Concentration: 1 mg/l  
Result: Not rapidly biodegradable  
Biodegradation: < 1 %  
Exposure time: 63 d  
Method: OECD Test Guideline 301C

Stability in water : Degradation half life: 2 - 3 d (12 °C)  
Remarks: Estuary

Degradation half life: 5 - 12 d (12 °C)  
Remarks: Sea water

##### **sodium hydroxide:**

Biodegradability : Remarks: The methods for determining biodegradability are not applicable to inorganic substances.

### Bioaccumulative potential

#### Components:

##### **1,2-benzisothiazol-3(2H)-one:**

Bioaccumulation : Species: Fish  
Bioconcentration factor (BCF): 6.62  
Method: OECD Test Guideline 305

Partition coefficient: n-octanol/water : log Pow: 0.7 (68 °F / 20 °C)  
Method: Regulation (EC) No. 440/2008, Annex, A.8

### Mobility in soil

No data available

### Other adverse effects

#### Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Toxic to aquatic life.  
Toxic to aquatic life with long lasting effects.

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### SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

RCRA - Resource Conservation and Recovery Authorization Act : If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

Waste from residues : The generation of waste should be avoided or minimized wherever possible.  
This material and its container must be disposed of in a safe way.  
Empty containers retain product residue; observe all precautions for product.  
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.  
Waste disposal should be in accordance with existing federal, state, provincial and/or local environmental controls.

### SECTION 14. TRANSPORT INFORMATION

#### International Regulations

##### IATA-DGR

UN/ID No.	: UN 1760
Proper shipping name	: Corrosive liquid, n.o.s. (SODIUM HYDROXIDE, 1,2-BENZISOTHIAZOLIN-3-ONE)
Class	: 8
Packing group	: III
Labels	: 8



Packing instruction (cargo aircraft)	: 856: 60.00 L
Packing instruction (passenger aircraft)	: 852: 5.00 L
Environmentally hazardous	: yes



##### IMDG-Code

UN number	: UN 1760
UN proper shipping name	: CORROSIVE LIQUID, N.O.S. (SODIUM HYDROXIDE, 1,2-BENZISOTHIAZOLIN-3-ONE)



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Version	Revision Date:	SDS Number:	Date of last issue: 04/11/2024
3.0	09/29/2025	203000008769	Country / Language: US / EN

Class : 8  
Packing group : III  
Labels : 8  
:



EmS Code : F-A, S-B  
Marine pollutant : yes



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

Not applicable for product as supplied.

### Domestic regulation

#### 49 CFR

UN/ID/NA number : UN 1760  
Proper shipping name : Corrosive liquids, n.o.s.  
(SODIUM HYDROXIDE, 1,2-BENZISOTHIAZOLIN-3-ONE)  
Class : 8  
Packing group : III  
Labels : 8  
:



ERG Code : 154  
RQ : 16,949.15 lb  
Marine pollutant : yes(1,2-BENZISOTHIAZOLIN-3-ONE)



### Hazard and Handling Notes

Slightly corrosive.

Environmentally hazardous substance.

Risk of serious damage to eyes

Keep separated from foodstuffs

The U.S. DOT regulations in Appendix B to 49 CFR § 172.101, paragraph 4 permit this material to ship as marine pollutant.

### Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data

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Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

### SECTION 15. REGULATORY INFORMATION

#### CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
sodium hydroxide	1310-73-2	1000	16949

#### SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

**SARA 311/312 Hazards** : Acute toxicity (any route of exposure)  
Respiratory or skin sensitization  
Skin corrosion or irritation  
Serious eye damage or eye irritation

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### US State Regulations

##### Massachusetts Right To Know

sodium hydroxide 1310-73-2

##### Pennsylvania Right To Know

Dipropylene Glycol 25265-71-8  
1,2-benzisothiazol-3(2H)-one 2634-33-5  
water 7732-18-5  
sodium hydroxide 1310-73-2

##### California Prop. 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

#### TSCA inventory

TSCA : This product is regulated under the United States Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).

#### FIFRA information

EPA registration number : 39967-150

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

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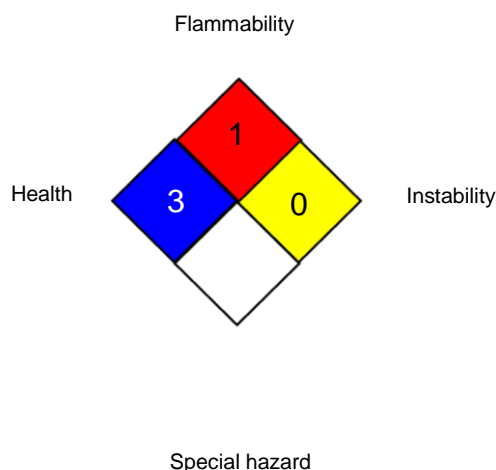
Signal Word : DANGER

Hazard Statements : Corrosive Causes irreversible eye damage. May be fatal if inhaled. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Harmful if swallowed.

### SECTION 16. OTHER INFORMATION

#### Further information

##### NFPA 704:



##### HMIS® IV:

HEALTH	/	3
FLAMMABILITY		1
PHYSICAL HAZARD		0

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "/" represents a chronic hazard, while the "0" represents the absence of a chronic hazard.

#### Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)  
OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants  
ACGIH / C : Ceiling limit  
OSHA Z-1 / TWA : 8-hour time weighted average

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardization; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil

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Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organization for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Revision Date : 09/29/2025

The data contained in this Safety Data Sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. 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 to be a guidance for processing and does not contain any 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. It is the responsibility of the recipient of the product to ensure that any proprietary rights and existing laws and legislation are observed.

Relevant changes from the previous version are marked on the left side of the Safety Data Sheet with a black double bar in appropriate places.

US / EN