

SAFETY DATA SHEET

PREVENTOL BIT 20 N



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	10/12/2020	203000008769	Country / Language: US / EN

SECTION 1. IDENTIFICATION

Product name : PREVENTOL BIT 20 N

Product code : 000000000057780951

EPA registration number : 39967-150

Manufacturer or supplier's details

Company : LANXESS Corporation
Product Safety & Regulatory Affairs
111 RIDC Park West Drive
15275-1112 Pittsburgh, United States of America

Responsible Department : +1800LANXESS

Emergency telephone number : Chemtrec (800) 424-9300
International (703) 527-3887
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).

Acute toxicity (Oral) : Category 4

Skin irritation : Category 2

Serious eye damage : Category 1

Skin sensitisation : Category 1

GHS label elements

Hazard pictograms :

Signal word : Danger

Hazard statements : Harmful if swallowed.
Causes skin irritation.

SAFETY DATA SHEET

PREVENTOL BIT 20 N



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	10/12/2020	203000008769	Country / Language: US / EN

May cause an allergic skin reaction.
Causes serious eye damage.

Precautionary statements

Prevention:

Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
Wash skin thoroughly after handling.
Do not eat, drink or smoke when using this product.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/ eye protection/ face protection.

Response:

IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth.
IF ON SKIN: Wash with plenty of soap and water.
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.
If skin irritation or rash occurs: Get medical advice/ attention. Take off contaminated clothing and wash before reuse.

Disposal:

Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components

Chemical name	CAS-No.	Concentration (% w/w)
1,2-benzisothiazolin-3-one	2634-33-5	$\geq 10 - < 20$
sodium hydroxide	1310-73-2	$\geq 5 - < 10$

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

SECTION 4. FIRST AID MEASURES

General advice : 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.

SAFETY DATA SHEET

PREVENTOL BIT 20 N



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	10/12/2020	203000008769	Country / Language: US / EN

Loosen tight clothing such as a collar, tie, belt or waistband.
In case of inhalation of decomposition products in a fire, symptoms may be delayed.
The exposed person may need to be kept under medical surveillance for 48 hours.
If not breathing, if breathing is irregular or respiratory arrest occurs, provide artificial respiration, or oxygen by a trained professional, using a pocket type respirator.

- In case of skin contact : In case of contact, immediately flush skin with plenty of water for at least 30 minutes.
Get medical attention immediately.
Remove contaminated clothing and shoes.
Take off contaminated clothing and shoes immediately.
Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
In the event of any complaints or symptoms, avoid further exposure.
Wash contaminated clothing before reuse.
Thoroughly clean shoes 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.
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.
Remove contact lenses, if present and easy to do. Continue rinsing.
Chemical burns must be treated promptly by a physician.
- If swallowed : Get medical attention immediately.
Rinse mouth with water.
Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Give small amounts of water to drink.
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.
Chemical burns must be treated promptly by a physician.
Never give anything by mouth to an unconscious person.
If unconscious, place in recovery position and get medical attention immediately.
Maintain open airway.
Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms and effects, both acute and delayed

- Symptoms : Acute overexposure to this product may cause dizziness, headache, drowsiness, malaise, abdominal pain.
Eye: May cause irritation with symptoms of reddening, tear-

SAFETY DATA SHEET

PREVENTOL BIT 20 N



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	10/12/2020	203000008769	Country / Language: US / EN

ing and stinging.
Once sensitized, an allergic skin reaction may occur with reddening, swelling, and rash when subsequently exposed to very low levels.
Eye: Corrosive with symptoms of reddening, tearing, swelling, burning and possible permanent damage.

Effects : Harmful if swallowed.
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye damage.

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

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : In case of fire, use water spray (fog), foam or dry chemical.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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 (CO₂)
Carbon monoxide
Nitrogen oxides (NO_x)
Sulphur 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 firefighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
If potential for exposure exists refer to Section 8 for specific personal protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- : No action shall be taken involving any personal risk or without

SAFETY DATA SHEET

PREVENTOL BIT 20 N



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	10/12/2020	203000008769	Country / Language: US / EN

- | | | |
|---|---|---|
| tive equipment and emergency procedures | : | suitable training.
Put on appropriate personal protection equipment.
Do not touch or walk through spilled material.
Evacuate personnel to safe areas.
Keep unnecessary and unprotected personnel from entering.
Do not breathe vapours or spray mist.
In case of inadequate ventilation wear respiratory protection. |
| Environmental precautions | : | Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. |
| Methods and materials for containment and cleaning up | : | Stop leak if safe to do so.
Move containers from spill area.
Wash spillages into an effluent treatment plant or proceed as follows.
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).
Dispose of wastes in an approved waste disposal facility.
Do not allow into the sewerage system, surface waters or groundwater or into the soil. |

SECTION 7. HANDLING AND STORAGE

- | | | |
|-----------------------------|---|--|
| Advice on safe handling | : | Do not breathe vapours/dust.
Avoid inhalation, ingestion and contact with skin and eyes.
Remove contaminated clothing and protective equipment before entering eating areas.
Workers should wash hands and face before eating, drinking and smoking.
Put on appropriate personal protection equipment.
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.
Use only with adequate ventilation.
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 | : | Store in accordance with local regulations.
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.
Keep container closed when not in use.
Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
Do not store in unlabeled containers.
Use appropriate container to avoid environmental contamination.
Do not store near acids.
Protect from freezing. |

SAFETY DATA SHEET

PREVENTOL BIT 20 N



Version 1.0 Revision Date: 10/12/2020 SDS Number: 203000008769 Date of last issue: -
Country / Language: US / EN

Store away from incompatible materials (see section 10) and food and drink.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Do not reuse container.

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

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components 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 ³	ACGIH
		TWA	2 mg/m ³	OSHA Z-1

Engineering measures : Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below recommended exposure limits.

Personal protective equipment

Respiratory protection : A NIOSH approved positive pressure air-supplied respirator is required whenever airborne concentrations are not known overexceed the recommended exposure limit. For emergency and other conditions where the exposure limits may be greatly exceeded, use an approved, positive pressure self-contained breathing apparatus. This product has poor warning properties since the concentration at which the odor can be smelled is substantially higher than the airborne concentration standard/guideline. Observe OSHA regulations for respirator use (29 CFR 1910.134).

In case of insufficient ventilation, wear suitable respiratory equipment.

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

Hand protection
Material : Permeation resistant gloves.

Material : PVC

Eye protection : Tightly fitting safety goggles
or
Face-shield

SAFETY DATA SHEET

PREVENTOL BIT 20 N



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	10/12/2020	203000008769	Country / Language: US / EN

Skin and body protection : Permeation resistant clothing and foot protection.

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

Colour : clear, amber

Odour : odourless

Odour 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

Vapour pressure : 14.25 mmHg (68 °F / 20 °C)
48.75 mmHg (122 °F / 50 °C)

SAFETY DATA SHEET

PREVENTOL BIT 20 N



Version 1.0	Revision Date: 10/12/2020	SDS Number: 203000008769	Date of last issue: - Country / Language: US / EN
----------------	------------------------------	-----------------------------	--

	56.25 mmHg (131 °F / 55 °C)
Relative density	: No data available
Density	: 1.144 g/cm ³ (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
Auto-ignition temperature	: 707 °F / 375 °C
Decomposition temperature	: No data available
Viscosity	
Viscosity, dynamic	: No data available
Viscosity, kinematic	: 124 mm ² /s (68 °F / 20 °C)
Explosive properties	: No data available
Oxidizing properties	: No data available
Metal corrosion rate	: Not corrosive to metals

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 Aluminium Copper
Hazardous decomposition products	: No decomposition if stored and applied as directed.

SAFETY DATA SHEET

PREVENTOL BIT 20 N



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	10/12/2020	203000008769	Country / Language: US / EN

SECTION 11. TOXICOLOGICAL INFORMATION

The most important known symptoms and effects are described in Section 2 and/or Section 4.

Information on likely routes of exposure

Inhalation
Skin contact
Eye contact
Ingestion

Acute toxicity

Harmful if swallowed.

Product:

Acute oral toxicity : LD50 (Rat): 1,030 mg/kg

Acute dermal toxicity : LD50 (Rat): > 5,000 mg/kg

Acute toxicity (other routes of administration) :
Remarks: The results refer to active ingredient.

Components:

1,2-benzisothiazolin-3-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

LD50 (Rat, male and female): 490 mg/kg
Method: OECD Test Guideline 401

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: Extrapolation according to Regulation (EC) No. 440/2008

Skin corrosion/irritation

Causes skin irritation.

SAFETY DATA SHEET

PREVENTOL BIT 20 N



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	10/12/2020	203000008769	Country / Language: US / EN

Product:

Result : Irritating to skin.

Components:

1,2-benzisothiazolin-3-one:

Species : Rabbit
Method : OECD Test Guideline 404
Result : No skin irritation

sodium hydroxide:

Species : Rabbit
Result : Causes severe burns.

Serious eye damage/eye irritation

Causes serious eye damage.

Product:

Result : Risk of serious damage to eyes.

Components:

1,2-benzisothiazolin-3-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.

Respiratory or skin sensitisation

Skin sensitisation

May cause an allergic skin reaction.

Respiratory sensitisation

Not classified based on available information.

Product:

Exposure routes : Skin contact
Remarks : BIT, the biocidal active ingredient in this product, has the potential to induce human skin sensitization. However, based on several patch studies, formulations containing no more than 500 ppm BIT are unlikely to induce skin sensitization.

SAFETY DATA SHEET

PREVENTOL BIT 20 N



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	10/12/2020	203000008769	Country / Language: US / EN

Components:

1,2-benzisothiazolin-3-one:

Exposure routes	:	Skin contact
Species	:	Guinea pig
Method	:	OECD Test Guideline 406
Result	:	May cause sensitisation by skin contact.

Germ cell mutagenicity

Not classified based on available information.

Components:

1,2-benzisothiazolin-3-one:

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

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

	:	Test system: Human lymphocytes Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 473 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 system: Bacteria Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 471 Result: negative
-----------------------	---	---

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

SAFETY DATA SHEET

PREVENTOL BIT 20 N



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	10/12/2020	203000008769	Country / Language: US / EN

Carcinogenicity

Not classified based on available information.

IARC No component 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 component 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 based on available information.

Components:

1,2-benzisothiazolin-3-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 foetal development : Species: Rat, female
Application Route: Oral
Developmental Toxicity: NOAEL: 112 mg/kg body weight
Method: OPPTS 870.3800
Result: negative

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Repeated dose toxicity

Components:

1,2-benzisothiazolin-3-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

SAFETY DATA SHEET

PREVENTOL BIT 20 N



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	10/12/2020	203000008769	Country / Language: US / EN

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 based on available information.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

1,2-benzisothiazolin-3-one:

Toxicity to fish	: LC50 (Oncorhynchus mykiss (rainbow trout)): 2.15 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Water flea)): 2.9 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	: ErC50 (Pseudokirchneriella subcapitata (green algae)): 0.11 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 NOEC (Pseudokirchneriella subcapitata (green algae)): 0.0403 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
Toxicity to microorganisms	: EC50 (adapted and activated sludge micro-organism): 12.8 mg/l Exposure time: 3 h Method: OECD Test Guideline 209

sodium hydroxide:

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

Ecotoxicology Assessment

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

SAFETY DATA SHEET

PREVENTOL BIT 20 N



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	10/12/2020	203000008769	Country / Language: US / EN

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

Persistence and degradability

Components:

1,2-benzisothiazolin-3-one:

Biodegradability : Result: rapidly biodegradable
Remarks: Considered rapidly degradable in the environment.

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

Degradation half life: 5 - 12 Days (12 °C)
Remarks: Marine water

sodium hydroxide:

Biodegradability : Result: The methods for determining the biological degradability are not applicable to inorganic substances.

Bioaccumulative potential

Components:

1,2-benzisothiazolin-3-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

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

RCRA - Resource Conservation and Recovery Authorization Act : When discarded in its purchased form, this product meets the criteria of corrosivity, and should be managed as a hazardous waste (EPA Hazardous Waste Number D002). (40 CFR 261.20-24)

Waste from residues : The generation of waste should be avoided or minimized wherever possible.

SAFETY DATA SHEET

PREVENTOL BIT 20 N



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	10/12/2020	203000008769	Country / Language: US / EN

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.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

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

Not applicable for product as supplied.

National Regulations

49 CFR

UN/ID/NA number	:	UN 3082
Proper shipping name	:	Environmentally hazardous substance, liquid, n.o.s. (SODIUM HYDROXIDE)
Class	:	9
Packing group	:	III
Labels	:	9



ERG Code	:	171
RQ	:	16,949.15 lb
Marine pollutant	:	no

When in individual containers of less than the Product RQ, this material ships as non-regulated.

Hazard and Handling Notes. : Risk of serious damage to eyes, Keep separated from food-stuffs

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 Sheet.

SAFETY DATA SHEET

PREVENTOL BIT 20 N



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	10/12/2020	203000008769	Country / Language: US / EN

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 sensitisation
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	>= 5 - < 10
------------------	-----------	-------------

Pennsylvania Right To Know

Dipropylene Glycol	25265-71-8	>= 50 - < 70
1,2-benzisothiazolin-3-one	2634-33-5	>= 10 - < 20
water	7732-18-5	>= 10 - < 25
sodium hydroxide	1310-73-2	>= 5 - < 10

California Prop. 65

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

TSCA inventory

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

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

FIFRA information

EPA registration number : 39967-150

SAFETY DATA SHEET

PREVENTOL BIT 20 N



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	10/12/2020	203000008769	Country / Language: US / EN

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:

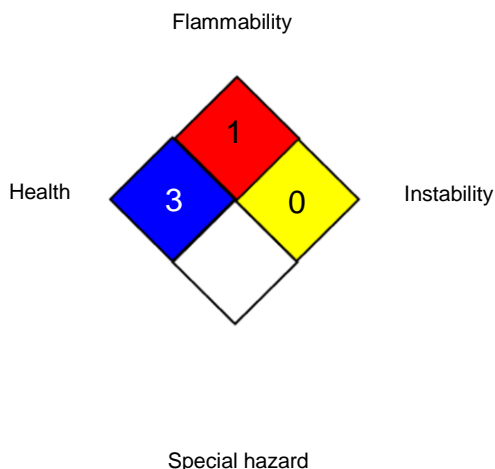
Signal word : DANGER

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 "/" 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

AICS - Australian Inventory of Chemical Substances; 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 Standardisation; 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 re-

SAFETY DATA SHEET

PREVENTOL BIT 20 N



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	10/12/2020	203000008769	Country / Language: US / EN

sponse; 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 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 Organisation 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, Authorisation 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; 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 : 10/12/2020

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.