



Vedaoils Pvt. Ltd.

Manufacturer of Natural Essential Oils and Carrier Oils



Material Safety Data Sheets (MSDS)
Acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

MFG Date:- DEC 2023

EXP Date:- NOV 2025

1. IDENTIFICATION

Product identifier:

Trade Name: Bronopol

Other means of identification: N/A

Recommended use and restriction on use ·

Recommended use: Personal Care & Cosmetics purpose

Details of the supplier of the Safety Data Sheet ·

Manufacturer/Supplier: Vedaoils Pvt.Ltd. 884, Udyog Vihar, Phase-5 Gurugram, Haryana,122016

2. HAZARD(S) IDENTIFICATION

Classification of the substance or mixture

Crystalline Granule

This material is not classified as hazardous under OSHA regulations (29 CFR 1910.1200).

Hazardous classification: Not a hazardous substance or mixture.

· **Label elements**

· **Signal word:**

Not a hazardous substance or mixture

· **Hazard statements:**

Not a hazardous substance or mixture.

· **Precautionary statements:**

Not a hazardous substance or mixture.

· **Other hazards:** There are no other hazards not otherwise classified that have been identified.

3.COMPOSITION / INFORMATION ON INGREDIENTS



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3.1 Substance Synonyms: Bronopol

3.2 This Product does not consist any hazardous component.

4. FIRST-AID MEASURES

· Description of first aid measures

· After inhalation:

· Supply fresh air; consult doctor in case of complaints

· After skin contact:

skin irritation or rash occurs: Get medical advice/attention.

· After eye contact:

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; immediately call for medical help.

· Most important symptoms and effects, both acute and delayed:

Slight irritant effect on eyes.

5 FIRE-FIGHTING MEASURES



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Extinguishing media

· Suitable extinguishing agents:

Foam

Fire-extinguishing

powder Carbon

dioxide

Gaseous extinguishing

agents Water fog / haze

· For safety reasons unsuitable extinguishing agents:

Water

spray

Water

stream.

· Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

· Advice for firefighters

· Protective equipment:

Wear self-contained respiratory protective

device. Wear fully protective suit.

6. ACCIDENTAL RELEASE MEASURES

· Personal precautions, protective equipment and emergency procedures

Keep away from ignition sources.

For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.

· Environmental precautions

Do not allow to enter sewers / surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.



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· **Methods and material for containment and cleaning up**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Send for recovery or disposal in suitable receptacles.

7. HANDLING AND STORAGE

· **Handling**

· **Precautions for safe handling:**

Avoid splashes or spray in enclosed areas. Keep out of reach of children.

· **Conditions for safe storage, including any incompatibilities**

· **Requirements to be met by storerooms and receptacles:**

Store in cool, dry conditions in well-sealed receptacles.

Avoid storage near extreme heat, ignition sources or open flame.

· **Information about storage in one common storage**

facility: Keep away from open flames, hot surfaces and sources of ignition. Store away from oxidizing agents.

· **Specific end uses** No relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure controls:

Exposure guidelines are not relevant when product is used as intended in a household setting.

Skin Protection: No special protective equipment required.

Eye/face Protection: Goggles or safety glasses with side shields in manufacturing sites.

General hygiene considerations: Avoid contact with eyes.



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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Crystalline Granule
Color:	White
Odor:	Odorless
Odor threshold:	Not determined
Specific gravity:	Not determined
pH:	5.0 – 7.0
Melting point / freezing point:	126.0 – 131.0°C
Initial boiling point / range:	Not determined
Acid Value (mg KOH/g):	Not determined
Heavy metals:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Refractive index:	Not determined
Moisture:	Not determined
Solubility:	Soluble in water
Auto-ignition temperature:	Not determined
Loss on drying:	Not determined
Viscosity:	Not determined
9.2 Other information:	None available



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10. Stability and reactivity

- **Reactivity:** None under normal use conditions.
- **Chemical stability:** Stable under recommended storage conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions:** No data available
- **Conditions to avoid:** None under normal processing.
- **Incompatible materials:** None in particular
- **Hazardous decomposition products:** Hazardous decomposition does not occur under normal condition.

11. TOXICOLOGICAL INFORMATION

- **Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.
- **LD/LC50 values that are relevant for classification:** No data available
- **Primary irritant effect:** No data available
- **On the skin:** Based on available data, the classification criteria are not met.
- **On the eye:** Based on available data, the classification criteria are not met.
- **Sensitization:** Sensitization possible through skin contact.
- **IARC (International Agency for Research on Cancer):**
Substance is not listed.
- **NTP (National Toxicology Program):**
Substance is not listed.
- **OSHA-Ca (Occupational Safety & Health Administration):**
Substance is not listed.
- **Probable route(s) of exposure:**



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- Probable route(s) of exposure:
 - Ingestion.
 - Inhalation.
 - Eye
 - contact.
 - Skin contact.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

- **Toxicity:**
- **Aquatic toxicity:** The product is not expected to be hazardous.
- **Persistence and degradability:** No data available.
- **Bio accumulative potential:** No data available.
- **Mobility in soil:** No data available.
- **General notes:** Do not allow product to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No data available.



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13. DISPOSAL CONSIDERATIONS

· Waste treatment methods

· Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

This product is not regulated as a hazardous material for transport. Special Transportation Notes: None

15. REGULATORY INFORMATION

US Federal Information:

TSCA: N/A

International Information: No data available.

Food and Drug Administration (FDA)

The product described in this Safety Data Sheet is regulated under the Federal Food, Drug, and Cosmetics Act and is safe to use as per directions on container, box or accompanying literature (where

16. OTHER INFORMATION

This MSDS summarizes to our best knowledge the health and safety hazard information for the product and general guidance on how to safely handle the product in the workplace. Each user must, prior to usage, assess and control the risks arising from its use of the product in the workplace, including in conjunction with other products. This information is presented in good faith and is based on current data considered to be correct to the best of our knowledge.