

Safety Data Sheet

according to 1907/2006/EC, Article 31

1 Identification of substance:

- **Product details:**
- **Trade name:** BACTORUB BLUE

- **Application of the substance / the preparation** Alcoholic hand rub in disinfectant
- **Manufacturer/Supplier:**
Raman & Weil Pvt. Ltd.
15 Chateau Marine, B - Road 3rd
Floor, Churchgate
Mumbai – 400 020
[Tel: 022- 22049527](tel:022-22049527)

2 Hazards identification

- **Hazard designation:**
- **Information pertaining to particular dangers for man and environment**
Flammable.
Irritating to eyes

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of the substances listed below with harmless additions.

· Dangerous components:

CAS: 67-63-0 EINECS: 200-661-7	isopropanol	25-50%
CAS: 71-23-8 EINECS: 200-746-9	propan-1-ol	25-50%
CAS: 3006-10-8 EINECS: 221-106-5	Mecetronium ethyl sulphate	≤ 1%

4 First aid measures

- **General information** Get medical advice/attention if you feel unwell.
- **After inhalation** Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- **After skin contact** The product is not skin irritating.
- **After eye contact** Rinse cautiously with water for several minutes.
- **After swallowing** Rinse mouth.

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5 Fire fighting measures

- **Suitable extinguishing agents**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** No special measures required.
- **Measures for cleaning/collecting:** Dispose of the material collected according to regulations.

7 Handling and storage

- **Handling**
- **Information for safe handling:**
No special precautions necessary if used correctly.
Keep away from heat and direct sunlight.
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with critical values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Personal protective equipment**
- **General protective and hygienic measures**
The usual precautionary measures should be adhered to in handling the chemicals.

9 Physical and chemical properties:

· General Information	
Form:	Liquid on inert carrier material
Colour:	Clear Blue
Smell:	pleasant
· Change in condition	
Melting point/Melting range:	not determined
Boiling point/Boiling range:	not determined
· Flash point:	23,5°C (solution)
· Self-inflammability:	product is not selfigniting
· Danger of explosion:	product is not explosive. However, formation of explosive air/steam mixtures is possible

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· **Density** not determined

· **Solubility in / Miscibility with**

Water: Partly soluble

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Materials to be avoided:**
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous products of decomposition:** No dangerous decomposition products known.

11 Toxicological information

· **Acute toxicity:**

LD/LC50 values that are relevant for classification:

Oral LD50 13260 mg/kg (Ratte / rat)

· **Primary irritant effect:**

· **on the skin:** No irritant effect.

· **on the eye:** Irritant effect.

· **Sensitization:** No sensitizing effect known.

· **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

Irritant

12 Ecological information:

· **Information about elimination (persistence and degradability):**

· **Other information:** The product is easily biodegradable.

· **Ecotoxicological effects:**

Acquatic toxicity:

LC50 OECD 203 : 2300 mg/l (*Leuciscus idus*)

· **Behaviour in sewage processing plants:**

Type of test Effective concentration Method Assessment

EC10 6000 mg/l (*Pseudomonas putida*)

· **Additional ecological information:** -

* 13 Disposal considerations

· **Product:**

· **Recommendation**

Must be specially treated under adherence to official regulations. Smaller quantities can be disposed with household garbage.

· **European waste catalogue**

07 06 01* aqueous washing liquids and mother liquors

16 03 05* organic wastes containing dangerous substances

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* chemicals consisting of or containing dangerous substances

- **Uncleaned packagings:**
- **Recommendation:** Dispose of packaging according to regulations on the disposal of packagings.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

14 Transport information

- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**
- **ADR/RID-GGVS/E Class:** 3 (F1) Flammable liquid, .
- **Kemler Number:** 40
- **UN-Number:** 1987
- **Packaging group:** III
- **Label** 3Flamable Liquid
- **Designation of goods:** 1987 ALCOHOL N.O.S. (Contain Isopropanol & n- propanol)

- **IMDG/GGVSea Class:** 3
- **UN Number:** 1987
- **Label** 3Flamable Liquid
- **Packaging group:** III
- **EMS Number:** F-A,S-I
- **Marine pollutant:** No
- **Correct technical name:** ALCOHOL N.O.S. (Contain Isopropanol & n- propanol)

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** 3
- **UN/ID Number:** 1987
- **Label** 3Flamable Liquid
- **Packaging group:** III
- **Correct technical name:** ALCOHOL N.O.S. (Contain Isopropanol & n- propanol)
- **Remarks:** passanger: no single packing permits.

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15 Regulatory information

- **Designation according to EC guidelines:**
- **Code letter and hazard designation of product:**
- **Risk phrases:**
 - Flammable.
 - Irritating to eyes.
- **Safety phrases:**
 - Avoid contact with eyes.
 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- **Decree to be applied in case of technical fault:**
 - Critical quantity values according to the regulations on accidents should be adhered to.

16 Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant R-phrases**
 - Highly flammable.
 - Harmful if swallowed.
 - Irritating to eyes.
 - Irritating to skin.
 - Risk of serious damage to eyes.
 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 - Vapours may cause drowsiness and dizziness.
- *** Data compared to the previous version altered.**