Material Safety Data Sheet

Microban Disinfectant Plus and Fragrance (RXSOL-41-8543-025)

1. Product and Company Identifaction

Product Name	MICROBAN DISINFECTANT PLUS & FRAGRANCE
Product Type	**RXSOL-41-8543-025**

Company Details:
RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

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2. Composition / informationon ingredients

Name	CAS #	UN #	% by volume
2-propanol	67-63-0		5-10
O-Phenylphenol	90-43-7		2200 ppm
Diisibutylphenoxyethoxy ethyl dimethyl benzyl ammonium chloride monohydrate	121-54-0		7000 ppm

3. Hazards Identification

Emergency Overview

Skin and eye irritant.

NOTE: **Hazard information is based on the characteristics of the components of this mixture.**

Ingestion - May cause abdominal discomfort, nausea, vomiting and diarrhea.

Inhalation - May cause irritation of the respiratory tract.

Eye Contact - May cause eye irritation.

Skin Contact - Prolonged contact may cause discomfort and irritation of the skin.

4. First Aid Measures

Inhalation - Remove patient to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Eye Contact - Immediately flush with plenty of water. Get medical attention if irritation persists**.**

Skin Contact - Remove contaminated clothing. Wash skin with soap and water. Obtain medical attention if irritation persists.

Ingestion - Drink promptly a large quantity of water. Do not induce vomiting. Avoid alcohol. Get medical attention.

5. Fire-fighting Measures

Flammability

Yes X No

If yes, under which conditions?

Combustible liquid. Potential fire hazard when exposed to excessive

heat, flame or other souces of ignition.

Flashpoint:

102 °F (38.9 °C)

Upper flammable limit

% by volume

Lower flammable limit

% by volume

Autoignition temperature Hazardous combustion products Explosion data

Means of extinction:

6. Accidental Release Measures

Wear personal protective equipment.

Do not allow spill to reach watercourse or sewers.

Contain spill with absorbent mats or booms or inert materials such as sand. Material should be readily available in the workplace.

Collect and store waste materials in suitable containers for disposal ie. metal drums.

7. Handling and Storage

To prevent vapor escaping to the atmosphere keep all containers closed or covered.

Eyewash stations are recommended in the workplace.

If eye irritation is encountered the use of a full facepiece respirator is recommended.

Mechanical ventilation is recommended in enclosed workspaces.

Area should be evacuated of all non essential personnel prior to application of product.

8. Exposure controls and personal protection

Personal Protective Equipment

Gloves

Natural Rubber

Respirator

Respiratory protection is only required when

fogging or atomizing in the breathing zone, or

when being used in a poorly ventilated area.

Eye

Goggles

Footwear

n. ap.

Clothing

Coveralls or equivalent

Other

n. ap.

Exposure Guidelines

none established for product

OSHA ACGIH

TWA STEL TWA STEL

2-propanol 400 ppm 500 ppm 400 ppm 500 ppm

9. Physical and chemical properties

Physical state	Liquid
Odor and appearance	Milky white liquid, mint odor when fragrance is added
Odor threshold (ppm)	n. av.
Vapor pressure (mm Hg)	n. av.
Vapor density (Air=1) .	n. av
Evaporation (butyl acetate = 1)	n. av.
Boiling point	212 °F (100 °C)
Freezing point	n. av.
pH	6.5 - 7.5
Specific gravity	0.97