

1. Product and Company Identifaction

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Product Name : **RXSOL-40-4003-025**
Product Type : **BIOLOGICAL GUARD**

Company Details:

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

Stock Point : Mumbai, Kandla, Kolkata, Chennai, Visakhapatnam, Fujairah, Muscat

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2. Composition / Information on ingredients

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Chemical Name	Concentration	CAS Number	EC Number	R Phrases*
Amines, N-tallowalkyl Trimethylendiacetates	5 - 10 %	68911-78-4	272-786-5	22, 34, 50
2-Butoxyethanol	5 - 10 %	111-76-2	203-905-0	20/21/22, 36/38
Amines, N-tallow Alkylpropylenedi	10 - 15 %	64742-94-5	265-198-5	65, 66, 51, 53
Ethanediol	60-100 %	107-21-1	203-473-3	R22
N-Coco-1,3-Diaminopropane	10-24 %	61791-63-7	263-195-3	R22-35-48/25-50

*See Section 16

3. Hazards Identification

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Odour	Characteristic odour
Appearance	Liquid, pale yellow, soluble in water
Contact with eyes	Risk of serious damage to eyes (R41)
Contact with skin	Causes irritation
Inhalation	Harmful by inhalation, in contact with skin and if swallowed (R20/21/22).Very toxic to aquatic organisms (R50)

4. First Aid Measures

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Contact with skin	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water. If in doubt or symptoms persist, seek medical attention. Contaminated clothing should be laundered before reuse.
Contact with eyes	If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes. Irrigate eyes thoroughly with water. Seek immediate medical attention. Continue flushing with water until medical help arrives.
Ingestion	Never make an unconscious person vomit or drink fluids. Give plenty of water to drink. Do not induce vomiting. Seek medical attention.
Inhalation	Remove patient to fresh air. Keep warm and at rest, in a half upright position. Loosen clothing. When in doubt or symptoms persist, seek medical attention.
General	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)

5. Fire-fighting Measures

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- Flash point >70 deg C (CC)
- Decomposition products may include phosgene, Decomposition products may include carbon oxides

- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide (S43)
- Substance evolves toxic fumes, wear self-contained breathing apparatus
- Prevent run off water from entering drains if possible
- Use water spray or fog to knock down and absorb corrosive fumes
- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback

6. Accidental Release Measures

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Personal Precautions

Wear protective clothing as per section 8. Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback.

Environmental Precautions

Do not allow to enter public sewers and watercourses.

Immediate Actions

Use appropriate containment to avoid environmental contamination (S57)

Clean Up Actions

Absorb spillage in inert material and shovel up. Ventilate the area and wash spill site after material pick-up is complete.

Special Precautions

Wear protective clothing as per section 8. Avoid release to the environment. Refer to special instructions/S (S61). Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback.

7. Handling and Storage

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Handling

See Section 8. Eyewash bottles should be available. Avoid contact with skin and eyes (S24/25)

Storage

Keep only in the original container in a cool, well ventilated place (S3/9/49)

8. Exposure controls and personal protection

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Exposure Limits

TLV (TWA) 20 ppm, 122 mg/m³ (1,2-Dichlorobenzene).

Exposure controls

The undiluted product must not be used in a confined space without good ventilation.

Occupational exposure controls

Wear approved respirator if exposure likely to exceed MEL/OES. Wear goggles giving complete eye protection, protective clothing, including eye/face protection and gloves (neoprene or nitrile are recommended).



Gloves Suit Goggles No_Smoking

9. Physical and chemical properties

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Odour

Unpleasant odour, Strong smell of phenol

Appearance

Liquid, brown, dispersible in water

pH

10 -11 (5% in 50/50 H₂O-IPA mix)

Boiling point >

100 °C at 760 mm /Hg

Vapour pressure

not known

Vapour density

(air = 1) >01

Freezing point