

1. Product and Company Identification

www.rxmarine.com

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

Phone : +91 22 65113333 / 5555 / 9999 / 27611360
Fax : +91 22 2781 1318 :: AOH :0091 9821214367
Email : care@rxmarine.com

2. Composition / Information on ingredients

www.rxmarine.com

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

www.rxmarine.com

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

www.rxmarine.com

Contact with skin	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water. If 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 under running water. Hold eyelids open. 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 immediate 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

www.rxmarine.com

- 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

www.rxmarine.com

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

www.rxmarine.com

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

www.rxmarine.com

Exposure Limits	TLV (TWA) 20 ppm, 122 mg/m ³ (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. Wear protective clothing, including eye/face protection and gloves (neoprene or nitrile are recommended).



Gloves Suit Goggles No_Smoking

9. Physical and chemical properties

www.rxmarine.com

Odour	Unpleasant odour, Strong smell of phenol
Appearance	Liquid, brown, dispersible in water
pH	10 -11 (5% in 50/50 H ₂ O-IPA mix)
Boiling point >	100 °C at 760 mm /Hg
Vapour pressure	not known
Vapour density	(air = 1) >01
Freezing point	