Material Safety Data Sheet

Polyamine (RXSOL-19-8140-210)

1. Product and Company Identifaction

Product Name	RXSOL-81-8140-210
Product Type	POLYAMINE SHALE RXSOL ORG INHIBITOR

Company Details:

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

Phone	+91 22 65113333 / 5555 / 9999
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2. Composition / informationon ingredients

Name	EC No.	CAS-No.	Content	Classification
ALKYL AMMONIUM DERIVATIVES	200-655-4	67-48-1	60 - 100%	-
WATER	231-791-2	7732-18-5	30-60%	-

3. Hazards Identification

Not regarded as a health or environmental hazard under current legislation.

4. First Aid Measures

INHALATION	Move the exposed person to fresh air at once. If respiratory problems, artificial respiration/oxygen. Get medical attention.
INGESTION	Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues.
SKIN CONTACT	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.
EYE CONTACT	Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5. Fire-fighting Measures

EXTINGUISHING MEDIA	Water spray, foam, dry powder or carbon dioxide.
SPECIFIC HAZARDS	By heating and fire, harmful vapours/gases may be formed.
PROTECTIVE MEASURES IN FIRE	Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Accidental Release Measures

PERSONAL PRECAUTIONS	Wear protective clothing as described in Section 8 of this safety data sheet.
ENVIRONMENTAL PRECAUTIONS	Do not allow to enter drains, sewers or watercourses.
SPILL CLEAN UP METHODS	Stop leak if possible without risk. Dike far ahead of larger spills for later disposal. Absorb spillage with suitable absorbent material. Shovel into dry containers. Cover and move the containers. Flush the area with water.

7. Handling and Storage

USAGE PRECAUTIONS

Do not use contact lenses. Avoid spilling, skin and eye contact. Provide good ventilation.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place.

8. Exposure controls and personal protection

INGREDIENT COMMENTS
No exposure limits noted for ingredient(s).

PROTECTIVE EQUIPMENT
ENGINEERING MEASURES
Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT
No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

HAND PROTECTION
Chemical resistant gloves required for prolonged or repeated contact. such as, Nitrile. or Neoprene.

EYE PROTECTION
Wear approved chemical safety goggles where eye exposure is reasonably probable.

OTHER PROTECTION
Wear appropriate clothing to prevent repeated or prolonged skin contact. Provide eyewash station.

9. Physical and chemical properties

APPEARANCE	Liquid
COLOUR	Clear to Blue
ODOUR	Mild Amine.

SOLUBILITY	Soluble in water
BOILING POINT (°C)	125°C
pH-VALUE 5% SOLN	9.2 - 10.2
FLASH POINT (°C)	98°C CC (Closed cup).
VISCOSITY	80-120 cp @ 24 ºC
Sp. GRAVITY	1.05-1.07

10. Stability and reactivity

STABILITY	Stable under normal temperature conditions and recommended use.
CONDITIONS TO AVOID	Avoid heat, flames and other sources of ignition.
MATERIALS TO AVOID	Acids. Oxidisers and bases
HAZARDOUS DECOMPOSITION PRODUCTS	By heating and fire, harmful vapours/gases may be formed.

11. Toxicological information

INHALATION	Vapour may irritate respiratory system or lungs.
INGESTION	May cause gastric distress, nausea and vomiting if ingested.
SKIN CONTACT	Prolonged and frequent contact may cause redness and irritation.
EYE CONTACT	Spray and vapour in the eyes may cause irritation and smarting.

12. Ecological information

ECOTOXICITY
Contact Department for ecological information.

13. Disposal considerations

DISPOSAL METHODS
Recover and reclaim or recycle, if practical. Dispose of waste and residues in accordance with local authority requirements.

14. Transport information

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15. Regulatory information

RISK PHRASES

NC	Not classified.

SAFETY PHRASES

NC	Not classified.

UK REGULATORY REFERENCES
Chemicals (Hazard Information & Packaging) Regulations.

EU DIRECTIVES
Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC.

GUIDANCE NOTES
Workplace Exposure Limits EH40.

16. Other information

GENERAL INFORMATION
HMIS Health - 1 HMIS Flammability - 1 HMIS Physical Hazard - 0 J - Splash Goggles, Gloves, Synthetic Apron, Dust and Vapor Respirator.

INFORMATION SOURCES
Material Safety Data Sheet, Misc. manufacturers. Product information provided by the commercial vendor(s). Micromedex. European Chemicals Bureau - ESIS (European Chemical Substances Information System).

REVISION COMMENTS
General revision.

REVISION DATE	18-04-07
REV. NO./REPL. SDS GENERATED	1
SDS NO.	11168

RISK PHRASES IN FULL

NC	Not classified.

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