

1. Product and Company Identification

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Product Name

—

Product Type **RXSOL-41-4048-025**

Company Details:

RX MARINE INTERNATIONAL

105, A wing , BSEL , TECH PARK.

VASHI ,NEW BOMBAY 400703 INDIA

Phone +91 22 65113333/ 5555 / 9999 / 27611360 / 27815540

Fax +91 22 2781 1318 ::AOH :0091 9322594669

Email mail@rxmarine.com

2. Composition / Information on ingredients

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Ingredient(s)	CAS #	Percent
Poly[oxyethylene(dimethylimino)ethylene(dimethylimino) ethylene dichloride	31075-24-8	20 -40

3. Hazards Identification

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4. First Aid Measures

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First aid procedures

Eye contact :

Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

Skin contact :

Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.

Inhalation :

If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion

Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

Notes to physician: If symptoms are delayed.

General advice: If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

5. Fire-fighting Measures

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Flammable properties

Not flammable by OSHA criteria.

Extinguishing media

Fog. Dry chemical. Foam.

Suitable extinguishing media space

Not available

space Unsuitable extinguishing media Protection of firefighters

Specific hazards arising from
the chemical

Not available

Protective equipment for
firefighters

Firefighters should wear full protective clothing including self contained breathing apparatus.

Hazardous combustion products
Explosion data

May include and are not limited to: Oxides of carbon. Chlorine gas.

Sensitivity to mechanical impact
Sensitivity to static discharge

Not available

Not available

6. Accidental Release Measures

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Personal precautions Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.

Environmental precautions Do not discharge into lakes, streams, ponds or public waters.

Methods for containment Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills to original containers for re-use.

7. Handling and Storage

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Handling Use good industrial hygiene practices in handling this material.
Avoid inhalation. Avoid drink. Avoid contact with skin and clothing.
Avoid contact with eyes. Avoid breathing vapors or mists of this product.
Keep container tightly closed.
Use only with adequate ventilation. Wash thoroughly after handling.
Keep out of reach of children. Store in a closed container away from incompatible materials.

8. Exposure controls and personal protection

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Exposure limits

Ingredient(s)

Exposure Limits

Poly[oxyethylene(dimethylimino)ethylene(dimethylimino)
ethylene dichloride] ACGIH-TLV

Not established

OSHA-PEL

Not established

General ventilation normally adequate.

Engineering controls

Personal protective equipment

Eye / face protection

Wear safety glasses with side shields.

Hand protection

Rubber gloves. Confirm with a reputable supplier first.

Skin and body protection

As required by employer code.

Respiratory protection

Avoid breathing mists or vapors. Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

9. Physical and chemical properties

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Appearance	Liquid.
Color	Amber
Form	Liquid
Odor	Characteristic
Odor threshold	Not available
state	Liquid
pH	6.5 (Concentrate)
Freezing point	32.00 °F (0 °C)
Boiling point	212.00 °F (100 °C)
Pour point	Not available
Evaporation rate	Not available
Flash point	None to boiling
Auto-ignition temperature	Not available
Flammability limits in air, lower, % by volume	space
Flammability limits in air, upper, % by volume	space
Specific gravity	Not available
Octanol/water coefficient	Not available
Solubility (H ₂ O)	Complete
VOC (Weight %)	Not available
Viscosity	Not available
Percent volatile	70

10. Stability and reactivity

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Reactivity	This product may react with strong oxidizing agents.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Oxidizers. Acids.
Hazardous decomposition products	Oxides of carbon. Chlorine gas. May include and are not limited to:

11. Toxicological information

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Component analysis - LC50	
Ingredient(s)	LC 50

Poly[oxyethylene(dimethylimino)ethylene(dimethylimino)]	Not available
ethylene dichloride	
Component analysis - Oral LD50	
Ingredient(s)	LD 50
Poly[oxyethylene(dimethylimino)ethylene(dimethylimino)]	3700 mg/kg rat
ethylene dichloride]	

Effects of acute exposure

Eye	May cause irritation.
Skin	May cause irritation.
Inhalation	May cause respiratory tract irritation.
Ingestion	May cause stomach distress, nausea or vomiting.
Sensitization	Non-hazardous by OSHA criteria.
Chronic effects	Non-hazardous by OSHA criteria.
Carcinogenicity	Non-hazardous by OSHA criteria.
Mutagenicity	Non-hazardous by OSHA criteria.
Reproductive effects	Non-hazardous by OSHA criteria
Teratogenicity	Non-hazardous by OSHA criteria.
Name of Toxicologically Synergistic	Not available

12. Ecological information

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Ecotoxicity Marine Pollutant
Persistence / degradability Not available
Bioaccumulation / accumulation Not available
Mobility in environmental media Not available

Environmental effects This product is toxic to fish.
Aquatic toxicity Not available
Partition coefficient Not available
Chemical fate information Not available

13. Disposal considerations

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Disposal instructions
spaceWaste from residues / unused products space
Contaminated packaging

Dispose in accordance with all applicable regulations.
Not available
Not available

14. Transport information

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15. Regulatory information

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Occupational Safety and Health Administration (OSHA)
space
29 CFR 1910.1200 hazardous chemical
Yes
US Federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
space
EPA Registration Number 1448-233-65516
CERCLA (Superfund) reportable quantity
None space
Superfund Amendments and Reauthorization Act of 1986 (SARA)
space
space
Hazard categories
Section 302 extremely hazardous substance
Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No
No
space
Section 311 hazardous chemical Yes
Clean Air Act (CAA) Not available
space
Clean Water Act (CWA) Not available
space
State regulations This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.Inventory status
Country(s) or region Inventory name On inventory (yes/no)*

16. Other information

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..... and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the