

1. Product and Company Identification

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Product Name Deshlorine Liquid
Product Type **RXSOL-40-4047-030**

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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HAZARDOUS INGREDIENTS	None
NON-HAZARDOUS INGREDIENTS	Sodium Sulfite
Proprietary Blend of Polymer	Inert Ingredients

3. Hazards Identification

ACUTE TOXICITY DATA (ANIMAL):

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LC 50 INHALATION	:See effects of overexposure.LD 50 ORAL
LD 50 DERMAL	2825 MG/KG (Rabbit)
LD 50 DERMAL	:See effects of overexposure.
LC 50 AQUATIC	:Very high concentrations will chemically deplete
CHRONIC TOXICITY	:Sodium Sulfite may cause allergic reactions temperatures may generate Sulfur Dioxide, which

4. First Aid Measures

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INHALATION:

Remove to fresh air. If not breathing, resuscitate and administer oxygen if readily available. Seek medical attention immediately.

EYE CONTACT:

Immediately flush with large amounts of water for fifteen (15) minutes, rinsing eye thoroughly. Get medical attention.

SKIN CONTACT :

Ash with plenty of soap and water for fifteen (15) minutes. Remove contaminated clothing. If skin irritation occurs, get medical attention. Wash clothing before reuse.

INGESTION :

If conscious, drink large quantities of water or milk and induce vomiting. Call a physician immediately. Avoid alcohol. If unconscious, or in convulsions, seek medical attention immediately. Do not give anything by mouth to an unconscious person.

5. Fire-fighting Measures

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FLASH POINT	Not Applicable
FLAMMABLE LIMITS IN AIR	Not Applicable

EXTINGUISHING MEDIA
SPECIAL FIRE FIGHTING PROCEDURES
UNUSUAL FIRE & EXPLOSION HAZARD

Use extinguishing media appropriate for burning
NIOSH/MSHA-Approved, positive pressure, self
At 600° C, Sodium Sulfide is formed. At 900° C
combustion by burning, yielding carbon dioxide
fighting

6. Accidental Release Measures

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Spills exceeding 100 pounds should be reported to the local authorities:

1. Contain all spilled material, wearing appropriate protective equipment.
2. Place spilled material in clean, dry containers for disposal. Do not flush to surface water.

WASTE DISPOSAL METHOD:

Not rated a hazardous substance by USEPA. Collected material can be dissolved in water, exercising caution. Dissolved material may be discharged into an appropriate industrial waste collection system but consult local, state and federal regulating agencies before disposing of any material.

7. Handling and Storage

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Handling Procedures

:Use proper equipment for lifting and transport
housekeeping practices. Wash thoroughly after ha
exposure.

Storage Requirements

:Store in a cool, dry area at temperatures below 2
closed. Protect from physical damage.

8. Exposure controls and personal protection

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ACUTE TOXICITY DATA (ANIMAL):

LC 50 INHALATION

See effects of overexposure.

LD 50 ORAL

2825 MG/KG (Rabbit)

LD 50 DERMAL

See effects of overexposure

LC 50 AQUATIC

Very high concentrations will chemically deplete dissolved oxygen necessary for aquatic life.

CHRONIC TOXICITY

Sodium Sulfite may cause allergic reactions in sensitive individuals. Contact with strong acids or high temperatures may generate Sulfur Dioxide, which is toxic, corrosive and hazardous.

RESPIRATORY PROTECTION

:If dusty conditions are encountered, use NIOSH/MSHA respirator with acid gas cartridge and dust pre-filter.

VENTILATION

:Store and use in a well-ventilated area.

EYE PROTECTION

:Chemical safety goggles

GLOVES

:Natural or synthetic rubber.

OTHER PROTECTIVE EQUIPMENT

:Boots, aprons or chemical suits as required to prevent skin contact.

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9. Physical and chemical properties

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BOILING POINT AT 760 mm Hg

:Decomposes at 900° C

FREEZING/MELTING POINT

:Not Applicable

SOLUBILITY IN H2O; % BY WEIGHT	:25% at 80° C
SPECIFIC GRAVITY OF TABLET	:2.63 (H2O = 1)
APPROXIMATE TABLET DENSITY	:125 lbs./ft3
pH OF SOLUTION	:Alkaline
VOLUME % VOLATILE	:Not Applicable
APPEARANCE AND ODOR	:Green Tablet with Mild Odor

10. Stability and reactivity

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Stability	:Stable under normal conditions
Incompatibility	:Acids and strong oxidizers
Hazardous Products of Decomposition	:Reaction with strong oxidizers cause vigorous dioxide gas.
Polymerization	Will not occur

11. Toxicological information

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Irritancy	:Mild irritant
Sensitization	:Not available
Chronic/Acute Effects	:No other effects expected other than what has been
Synergistic Materials	:Not available
Animal Toxicity Data	:LD50(oral, rabbit): 2825mg/kg
Carcinogenicity	:Not available
Reproductive Toxicity	:Not available
Teratogenicity	:Not available
Mutagenicity	:Not available

12. Ecological information

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Fish Toxicity	Not available
Biodegradability	Not available
Environmental Effects	High concentrations will chemically deplete dissolved

13. Disposal considerations

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Waste Disposal:

Dispose in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act

14. Transport information

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TDG Classification:

Class	Not regulated
Group	Not regulated
PIN Number	Not regulated
Other	Secure containers (full and/or empty) with suitable

15. Regulatory information

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NOTE:
THE PRODUCT LISTED ON THIS MSDS HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CANADIAN CONTROLLED PRODUCTS REGULATIONS. THIS MSDS CONTAINS ALL INFORMATION REQUIRED BY THOSE REGULATIONS.

16. Other information

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Text of R and S phrase codes used in this safety data sheet:- R34: Causes burns; R36: Irritating to eyes; R37: Irritating to respiratory system; R41: Risk of serious damage to eyes. The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents. The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties. The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer.

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