

1. Product and Company Identification

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Product Name RXSOL ORG 7914 (BIOCIDE ALGAECIDE)
Part Number RXSOL-40-4048-025

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, Nairobi

Phone +91 22 27815540
Fax +91 22 2781 1318 :::AOH :0091 9821214367
Email 123@rxmarine.com
Website www.rxmarine.com

2. Composition / Information on ingredients

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Name of Substance	Cas Number
Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylene dichloride]	31075-24-8
Non Hazardous Ingirdent	

3. Hazards Identification

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Signal Word	Warning
Hazard Statements	Causes serious eye irritation. Harmful if inhaled
Precautionary statements - prevention	Avoid breathing vapors. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Wear eye/face protection
Precautionary statements - response	If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Irritation persists: Get medical advice/attention.

4. First Aid Measures

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Eye Contact	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention for treatment advice.
Skin Contact	If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor if irritation persists.

Inhalation	Move person to fresh air. If person is not breathing, respiration, preferably mouth-to-mouth if possible. Call for further treatment advice
Ingestion:	Do not induce vomiting. Obtain medical attention. If vomited, on left side (head-down position, if possible) to maintain airway
Notes to Physician	Treat symptomatically

5. Fire-fighting Measures

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Flammability	Non-flammable.
Flash Point	Not applicable.
Suitable extinguishing media	Treat for surrounding material.
Hazardous combustion products	When heated to decomposition, it emits acrid smoke and fumes.
Protective Equipment	Firefighters should wear full protective clothing including self-contained breathing apparatus. Move containers from fire area if you can do so without risk.
Specific Hazards Arising from the Chemical	Not considered to be a significant fire risk.

6. Accidental Release Measures

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Small Spillage	Use appropriate tools to put the spilled Liquid in a container. Clean by spreading water on the contaminated surface. Follow regional authority requirements.
Large Spillage	Large Spills: Stop leak if you can do so without risk. Dilute with water. Cover with plastic sheet to prevent spreading. Absorb in containers. Prevent entry into waterways, sewer, basins, etc. After recovery, flush area with water.
Personal Protection	Advice for non-emergency personnel: Avoid inhalation. In case of emergency procedures, consult an expert. Advice for emergency personnel: see section 8.
Environmental Precaution	Do not let product enter drains.
Methods and materials for containment and cleaning	Cover drains. Collect, bind, and pump off spills. Observe local regulations (see sections 7 and 10). Take up dry. Dispose of properly. Clean up as directed.

7. Handling and Storage

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Handling	Use only outdoors or in a well-ventilated area. Wear protective clothing, gloves, and eye protection. Wash thoroughly after handling. Use good industrial hygiene practices. Do not eat or drink. Avoid contact with skin and clothing. Keep container tightly closed.
Storage	It is a violation of Federal Law to use this product in a way that is not intended. Light Sensitive. Refrigerate. Store in light-resistant containers in a cool, well-ventilated area. Packing : Original container (ADR) may be used.
Advice on general occupational hygiene	Advice on safe handling Observe label precautions. Do not work with substance.

8. Exposure controls and personal protection

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Engineering Control

Good general ventilation (typically 10 air changes per hour) should be matched to conditions. If applicable, use process engineering controls to maintain airborne levels below those that have not been established, maintain airborne levels to

Personal Protection

Eye/face Protection : Wear appropriate protective eyewear as required by OSHA's eye and face protection regulations in 29 CFR 1910.133.

Skin and body protection : Wear appropriate protective clothing to prevent exposure. **Respiratory Protection** : Follow the OSHA regulations in 29 CFR 1910.134 or European Standard EN 149. Use a respirator if exposure limits are exceeded or if the product is irritating.

Other Protection Measure

Handle in accordance with good industrial hygiene and safety practices.

Exposure Limit

No exposure limits noted for ingredient(s).



Gloves Suit

9. Physical and chemical properties

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Form	Liquid
Colour	Amberr
Odour	Characteristic
Odor Threshold	No Information Available
pH	6.5
Freezing Point	0 °C
Boiling Point	101°C
Flash Point	Not Applicable
Evaporation Rate	Not Applicable
Flammability (solid, gas)	No Data Available
Explosive limits	No Data Available
Vapour pressure	Not Available
Vapour Density	Not Available
Relative density Information	1.00 - 1.07 at 25 °C
Partition coefficient	No data available
Explosive properties	None
Solubility	Soluble in water
Ignition temperature	Not Available
Decomposition temperature	Not available

10. Stability and reactivity

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Recativity	This product may react with strong oxidizing agents.
Stability	Product is stable.
Possibility of hazardous reactions	May include and are not limited to: Oxides of carbon. Oxides of nitrogen.
Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Oxidizers. Acids.
Hazardous Polymerization	Hazardous polymerization does not occur.

11. Toxicological information

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Rout Of Entry	Absorbed through skin. Eye contact. Inhalation. Ingestion.																				
Toxicity to Animal	Acute toxicity Harmful if inhaled. Components Species Test Results Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylene dichloride] (CAS 31075-24-8) Acute																				
	<table border="1"> <tr> <td>Dermal</td> <td>LD50</td> <td>Rabbit</td> <td>> 2000 mg/kg</td> </tr> <tr> <td>Inhalation</td> <td>LC50</td> <td>Rat</td> <td>2.9 mg/l/4h</td> </tr> <tr> <td>Oral</td> <td>LD50</td> <td>Rat</td> <td>3700 mg/kg</td> </tr> <tr> <td></td> <td></td> <td></td> <td>1951 mg/kg, male rat</td> </tr> <tr> <td></td> <td></td> <td></td> <td>1850 mg/kg, female rat</td> </tr> </table>	Dermal	LD50	Rabbit	> 2000 mg/kg	Inhalation	LC50	Rat	2.9 mg/l/4h	Oral	LD50	Rat	3700 mg/kg				1951 mg/kg, male rat				1850 mg/kg, female rat
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Toxic Effects on Humans	CARCINOGENIC EFFECTS: Classified A4 (Not classifiable for human or animal.)																				
Special Remarks on other Toxic Effects on Humans:	Potential Health Effects: Eye: Causes severe eye irritation. May cause eye injury or chemical conjunctivitis. Skin: Causes severe skin irritation. It may be absorbed through the skin, although poorly. May cause allergic contact dermatitis with itchy rash. May cause staining of the skin and nails to a brown or golden brown color. Ingestion: Harmful if swallowed. May cause irritation of the digestive tract with burning sensation in the chest, abdominal pain, cramping, vomiting. Harmful if inhaled. May cause respiratory tract irritation and sudden headaches.																				

12. Ecological information

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Eco Toxicity	This pesticide is toxic to fish, aquatic organisms and clams.
COD and BOD 5	Not Available
Products of Biodegradation:	No Information available
Mobility in soil	No Information available
Results of PBT and vPvB assessment	No Information available
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

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Waste treatment Method	Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. Do not mix with other waste. Handle uncleaned containers like the product itself
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14. Transport information

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DOT

UN Number

UN3082

Other Regulation
WHMIS(Canada)
DSCL (EEC)

or Regional Office of the EPA.

Not Regulated

Not Regulated

Not Regulated

HMIS

Health Hazard : 1
Fire Hazard : 0
Reactivity : 0
Personal Protection : H

Fire :

Health Hazard : 1
Fire Hazard : 0
Reactivity : 0
Specific Hazard : H

16. Other information

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Other Information

The information above is believed to be accurate and available to us. However, we make no warranty of accuracy, implied, with respect to such information, and we advise you should make their own investigations to determine suitability for particular purposes. In no event shall we be liable for any damages, for lost profits or any special, indirect, incidental, or consequential damages arising, even if **Rx Marine International** has been advised of the possibility of such damages.

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