

## 1. Product and Company Identification

www.rxmarine.com

Product Name  
Part Number

Secondary Anionic Flocculant Sewage Treatment  
RXSOL-31-1510-025

### Company Details:

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

**Stock Point : Mumbai, Fujairah, Chennai, Visakhapatnam, Kolkata, Kandla, Muscat, Nairobi**

Phone +91 22 27815541 / 42  
Fax +91 22 2781 1318 ::::AOH :0091 9821214367  
Email [123@rxmarine.com](mailto:123@rxmarine.com)  
Website [www.rxmarine.com](http://www.rxmarine.com)

## 2. Composition / Information on ingredients

www.rxmarine.com

Name of Substance	Cas Number	EC Number	Wight %
Proprietary Blend of Poly Anionic Polymer	-	-	30-45

## 3. Hazards Identification

www.rxmarine.com

Signal Word	Irritant
Hazard Statements	H290 May be corrosive to metals. H318 Causes serious eye damage
Precautionary statements - prevention	P280 Wear protective gloves/protective clothing/eye protection/face protection. P234 Keep only in original container.
Precautionary statements - response	P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/doctor/physician/first aider. P390 Absorb spillage to prevent material damage.

## 4. First Aid Measures

www.rxmarine.com

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Obtain medical attention.
Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately if symptoms occur.
Ingestion:	Do not induce vomiting. Obtain medical attention.If vomiting occurs, lean patient forward or place on left side (head-down if possible) to maintain open airway and prevent aspiration.
Notes to Physician	Treat symptomatically

## 5. Fire-fighting Measures

www.rxmarine.com

Flammability	Non-flammable.
Flash Point	Not applicable.

Suitable extinguishing media	No information available
Hazardous combustion products	Non combustible.
Protective Equipment	Use personal protective equipment.
Specific Hazards Arising from the Chemical	Not considered to be a significant fire risk. Acids may react with metals to produce hydrogen, a highly flammable and

## 6. Accidental Release Measures

[www.rxmarine.com](http://www.rxmarine.com)

Small Spillage	Use appropriate tools to put the spilled solid in a convenient container. Do not wash down by spreading water on the contaminated surface and do not discharge to drains. Observe authority requirements
Personal Protection	Advice for non-emergency personnel: Avoid inhalation. In case of an emergency, consult an expert. Advice for emergency responders: 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 authority requirements (see sections 7 and 10). Take up dry. Dispose of properly. Clean up after spill.

## 7. Handling and Storage

[www.rxmarine.com](http://www.rxmarine.com)

Handling	Do not ingest. Do not breathe dust. Avoid contact with eyes. In case of insufficient ventilation, wear suitable respiratory protection. In case of contact with oxidizing agents, acids, advise immediately and show the container or the label.
Storage	Keep container tightly closed. Keep container in a cool, dry place. Do not store at 25°C (77°F).
Advice on general occupational hygiene	Packing : Only packagings which are approved (e.g. acc. to ADR 91/2013). Advice on safe handling Observe label precautions. Change clothes and wash hands after working with substance.

## 8. Exposure controls and personal protection

[www.rxmarine.com](http://www.rxmarine.com)

Engineering Control	Use process enclosures, local exhaust ventilation, or other engineering controls to keep exposure levels below recommended exposure limits. If user operates in an enclosed space, use ventilation to keep exposure to airborne contaminants below recommended exposure limits.
Personal Protection	<b>Eye/face Protection</b> : Wear appropriate protective eyewear as described by OSHA's eye and face protection regulation 29 CFR 1910.133 and European Standard EN166. <b>Skin and body protection</b> : Wear appropriate protective clothing to prevent skin exposure. <b>Respiratory Protection</b> : Follow the OSHA regulation 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH approved respirator if recommended exposure limits are exceeded or if irritation or other symptoms are experienced.
Other Protection Measure	Handle in accordance with good industrial hygiene and safety practices.



Gloves Suit

## 9. Physical and chemical properties

www.rxmarine.com

Form	Powder
Odour	No Information Available
Odor Threshold	No Information Available
pH	1 - 2
Freezing Point	-25 °C
Boiling Point	100 - 120 °C / 2534 °F @ 760 mmHg
Flash Point	Not Applicable
Evaporation Rate	Not Applicable
Flammability (solid, gas)	No Data Available
Explosive limits	No Data Available
Vapour pressure	No Data Available
Vapour Density	Not Applicable
Relative density Information	1.10 - 1.30 at 25 °C
Partition coefficient	No data available
Explosive properties	None
Solubility	Soluble in water

## 10. Stability and reactivity

www.rxmarine.com

Recativity	None known, based on information available
Stability	Product is stable.
Possibility of hazardous reactions	No known hazardous reactions.
Conditions to avoid	To avoid thermal decomposition, do not overheat. Incompatible products. Exposure to moist air or water.
Incompatible materials	Strong oxidizing agents, Alaklinr materials.
Hazardous Polymerization	Hazardous polymerization does not occur.

## 11. Toxicological information

www.rxmarine.com

Acute toxicity	LD50 Oral 13000 mg/kg[2]	LD50 Dermal >2000 mg/kg ( Rabbit )	LC50 Inhal. Not listed.
Skin corrosion/irritation	Corrosion : None. Mild Erritation		
Toxic Effects on Humans	Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant).		
Special Remarks on Chronic Effects on Humans	May cause adverse reproductive effects (male and female effects on fertility and effects on newborns and fetotox animal data Human: passes the placental barrier, detected in maternal milk.		
Special Remarks on other Toxic Effects on Humans:	Repeated or prolonged exposure to acids may result in the erosion of teeth, inflammatory and ulcerative changes in necrosis (rarely) of the jaw. Bronchial irritation, with cough, and frequent attacks of bronchial pneumonia may ensue. disturbances may also occur. Long-term exposure to respiratory irritants may result in disease of the airways involving difficult breathing and r problems. Limited evidence suggests that repeated or long-term occupational exposure may produce cumulative involving organs or biochemical systems		

## 12. Ecological information

www.rxmarine.com

Eco Toxicity	Not Available
COD and BOD 5	Not Available

Products of Biodegradation:	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Mobility in soil	Will likely be mobile in the environment due to its water solubility.
Results of PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
Other adverse effects	Discharge into the environment must be avoided.

### 13. Disposal considerations

[www.rxmarine.com](http://www.rxmarine.com)

Waste treatment Method	Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original mixing with other waste. Handle uncleaned containers like the product itself
------------------------	--

### 14. Transport information

[www.rxmarine.com](http://www.rxmarine.com)

#### DOT

UN Number	UN3264
Proper shipping name	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O. solution)
Hazard Class	8
Packing group	III

#### TDG

UN Number	UN3264
Proper shipping name	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O. solution)
Hazard Class	8
Packing group	III

#### IATA

UN Number	UN3264
Proper shipping name	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O. solution)
Hazard Class	8
Packing group	III

#### IMDG/IMO

UN Number	UN3264
Proper shipping name	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O. solution)
Hazard Class	8
Packing group	III

### 15. Regulatory information

[www.rxmarine.com](http://www.rxmarine.com)

Federal and State Regulation	TSCA 8(b) inventory: Water
Other Regulation	OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).
WHMIS (Canada)	: Corrosive Liquid
DSCL (EEC)	R34- Causes burns. S24/25- Avoid contact with skin and eyes. S26- In case of contact with eyes, rinse immediately with water and seek medical advice. S28- After contact with skin, wash immediately with plenty of [***] S37/39- Wear suitable eye/face protection. S38- In case of insufficient ventilation, wear suitable respiratory equipment.

HMIS	
Health Hazard	: 3
Fire Hazard	: 0
Reactivity	: 0
Personal Protection	: E

Fire :	
Health Hazard	: 3
Fire Hazard	: 0
Reactivity	: 0
Specific Hazard	: E

## 16. Other information

[www.rxmarine.com](http://www.rxmarine.com)

### Other Information

The information above is believed to be accurate and is available to us. However, we make no warranty of accuracy, implied, with respect to such information, and we do not intend should make their own investigations to determine the accuracy for particular purposes. In no event shall we be liable for any damages, for lost profits or any special, indirect, incidental, or consequential arising, even if **RX Marine International** has been advised.

**DISCLAIMER OF LIABILITY** :The information in this MSDS is believed to be reliable. However, the information is provided without warranty regarding its correctness. The conditions or methods of use are beyond our control and may be beyond our knowledge. We do not assume responsibility and expressly disclaim liability for any way connected with the handling, storage, use or disposal of the product and is to be used only for this product. If the product is used for any other purpose, the MSDS information may not be applicable.