Material Safety Data Sheet

RXSOL Altreat 400 (RXSOL-16-3763-025)

1. Product and Company Identifaction

Product Name	RXSOL-16-3763-210
Product Type	RXSOL Altreat 400

Company Details:

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

Stock Points: Mumbai, Kandla, Kolkata, Chennai, Visakhapatnam, Fujairah UAE, Muscat Oman, Kenya, Canada

Phone	+91 22 65113333 / 5555 / 9999 / 27611360
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
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2. Composition / informationon ingredients

Chemical Name	Weight-%	CAS Number	EC Number	Classification	Risk Phrases
Polymaleic Acid	30-45	127121-37-3	-	Not applicable	Not applicable
Ingrediants that do not contribute to the classification of the product	55-70	---	---		

*See Section 16

3. Hazards Identification

Odour	Product specific
Appearance	Light Yellowish to Brown liquid
Contact with eyes	Wash affected eyes for at least 10 minutes with tepid, Hold eyelids apart
Contact with skin	Wash thoroughly with soap and water
Inhalation	If difficulties occur after vapor/aerosol has been inhaled, remove to fresh air and seek medical attention.
Ingestion	Rinse mouth and then drink plenty of water.

4. First Aid Measures

Contact with skin	Wash thoroughly with soap and water.

Contact with eyes	Wash affected eyes for at least 10 minutes with tepid. Hold eyelids apart.
Ingestion	Rinse mouth and then drink plenty of water. Do not induce vomiting.
Inhalation	If difficulties occur after vapor/aerosol has been inhaled, remove to fresh air and seek medical attention.
General	Remove contaminated clothing.

Note to physician:-Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-fighting Measures

- Extinguishing media:-Water spray, carbon dioxide (CO_2), foam or dry extinguishing media
- Specific hazards:-Harmful vapors, evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.
- Further information:- Contaminated extinguishing water must be disposed of in accordance with local regulations

6. Accidental Release Measures

Personal Precautions	Use personal protective clothing
Environmental Precautions	Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.
Clean Up Actions	For large amounts: Pump off product. For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

7. Handling and Storage

Handling	No special measures necessary provided product is used correctly
Storage	Keep container tightly closed and in a cool place.
Protection against fire and explosion	No special measures necessary

8. Exposure controls and personal protection

Respiratory protection	Respiratory protection in case of vapor/aerosol release.
Hand protection	Chemical resistant protective gloves (EN 374) e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinyl chloride (0.7 mm) and other. Manufacturer's directions for use should be observed because of great diversity of types.
Eye protection	Safety glasses with side-shields (frame goggles)
General safety and hygiene measures	Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended

9. Physical and chemical properties

Odour	Odourless
Appearance	Liquid Pale yellow, soluble in water
Flash point	>100 °C (>212 °F) (DIN 51758)
Ignition temperature	>200 °C (>392 °F) (DIN 51794)
pH (20°C, 68 °F)	6-8
Miscibility with water	Miscible in all proportions
Specific gravity (water=1)	> 1
Solidification temperature	Approx -20 °C (-4 °F)
Partitioning coefficient	-2
Viscosity, kinematic (mm2/s)	Approx 600 (23 °C, 73.4 °F)

10. Stability and reactivity

- Hazardous reactions:- No hazardous reactions when stored and handled according to instructions.
- Hazardous decomposition products:- No hazardous decomposition products if stored and handled as prescribed/indicated.

11. Toxicological information

LD50, oral (rat)	> 2.000 mg/kg
Primary skin irritation (rabbit)	Non-irritant
Primary irritations of the mucous membrane (rabbit)	Non-irritant

12. Ecological information

Toxicity to fish, Brachydanio rerio, LC50 (96 h):	>100 mg/l
Microorganisms / Effect on activated sludge	Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations

Persistence and degradability, Elimination information

Test method	OECD 302B; ISO 9888; 88/302/EEC,part C,
Method of analysis	DOC reduction
Degree of elimination	10 % (28 d)
Evaluation	Poorly biodegradable

13. Disposal considerations

Disposal of product	Must be dumped or incinerated in accordance with local regulations.
Disposal of containers	Uncontaminated containers can be re-used. Containers that cannot be cleaned should be disposed of in the same manner as the product. DISPOSAL METHODS: Sweep spilled substance into containers. Carefully collect remainder, and then remove to safe place.Do NOT let this chemical enter the environment. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport information

Not classified as hazardous under transport regulations (ADR, RID, IMDG, DGR)

15. Regulatory information

Not subject to labeling according to Regulations of the European union (Labeling)
LABELING ACCORDING TO EC DIRECTIVES:
Symbol: Xn, Harmful
R-phrases:
R65:Harmful: may cause lung damage if swallowed.
S-phrases: S2: Keep out of the reach of children.
S23: Do not breathe gas/fumes.
S24: Avoid contact with skin.
S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

16. Other information

This Safety Data Sheet does not constitute a workplace risk assessment. All information is given in good faith but users must satisfy themselves that there are no circumstances requiring additional information or precautions or the verification of details.
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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