Material Safety Data Sheet

Oil Spill Dispersant Type-I (RXSOL-17-1012-025)

1. Product and Company Identifaction

Product Name	RXSOL-17-1012-025
Product Type	OIL SPILL DISPERSANT TYPE- I

Company Details:

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

Stock Point : Mumbai, Kolkata, Ennore, Visakhapatna, Gandhidham, Fujairah, Muscat Barka

Phone	+91 22 27815540 / 41 / 42
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

• Chemical characterization
• Description: Mixture contains: surfactants,activating agents and additives,softener,Rice Bran Fatty Acid derivative (biodegradable substance 85 to 90%)

3. Hazards Identification

Environmental Hazards	None
Human Health Hazards	Moderates
NOTE	Person-related safety precautions Not required

4. First Aid Measures

Afterinhalation	On Inhalation move to fresh air / Arificial respiration . Get medical attention.
After skin contact	Instantly wash with water and soap and rinse thoroughly.Generally Non Irritating, Protective clothing require.
After eye contact	Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

5. Fire-fighting Measures

Extinguishing Media:-

A . Suitable	Foam ,dry Co2, water spray

B . Not suitable	Not applicable
C. Special	Not applicable

Masked with Air Respirator Protection of fire Fighter

6. Accidental Release Measures

Care for environmental protection	Prevent material from reaching sewage system, holes and cellars. Dilute with much water.
Procedure for cleaning/collecting	Remove RXSOL OSD with absorbent materials or mechanically .And dispose accordance with section , Then flush with water and ventilate well.
NOTE	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7. Handling and Storage

Handling	Eyewash facilities require at workplace.
Storage	General Storage , container should be tightly.
Methods of cleaning	Flush Spill Area with Water.
NOTE	Keep Container Tightly Closed.

8. Exposure controls and personal protection

Personal Protection	Readily Bio-Degradable , missible with water, low toxicity,No environmental problem on correctly usage.
Enviromental Precaution	Respiratory System Protection Breathing equipment Not required.
Eye Protection	Wear eye protection (on possibility of contact).
NOTE	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. Wash hands during breaks and at the end of the work.
	Avoid contact with the eyes and skin. Keep away from foodstuffs, beverages and food.
Protection of hands	Protective gloves.

Eye protection	Tightly sealed safety glasses.

9. Physical and chemical properties

Product Properties:-

Appearance	Clear liquid / Low viscous	
Odor	Characteristic / Odorless	
Density	In g/cm3 at 15°C: 1.00 NOTE : SHELF LIFE 10 YEARS	
Boiling Point	MATERIALS BOILS AT 100°C	
Flash Point	190°C	
Flammability	Not self Igniting	
Explosive	Not Explosive	
Solubility in Water	100% soluble	
Efficiency		A . SEA WATER 68%
Compatibility		B. FRESH WATER 78%
Metal	No known effect	B . FRESH WATER 98.8 %
pH	6 +0.5	
PACKAGING	Order No.: RXSOL OSD IN CONCENTRATE 4460 PPM	Size (in litres 25 , , 210 IN DILUTE 9800 PPM
TOXICITY LC 50 After 96 hours)	SLIGHT TOXIC.	

10. Stability and reactivity

Condition to Avoid	Heat, Flame & Other Sources of Ignition.
Materials to Avoid	Do not subject to Reducing /Oxidizing Agents.
Hazardous Decomposition Products	Do not occur.
NOTE	No decomposition if used according to specifications.

11. Toxicological information

Skin Irritation	irritant wash with soap water
Eye Irritat	Moderate irritant , flush with copious amounts of water
Sensitization	Not Sensitizing .

(All above information as per data available with us)

12. Ecological information

Comment	Not applicable
Ecotoxicity	Not applicable , Readily biodegradable
Water hazard class 2 (self-assessment)	Hazardous for water.

Do not allow product to reach ground water, water bodies or sewage system Danger to water if even small quantities leak into soil.

13. Disposal considerations

This material must be disposed with local national regulations. Product Recommendation Can be burnt under adherence to the necessary technical regulations. Disposal must be made according to official regulations.

14. Transport information

• Marine pollutant: No
• Transport/Additional information : Not dangerous .

DOT/TDG Land transport (ADR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

UN Number	Not Applicable
Proper shipping name	Noit Applicable
Hazard Class	Not Applicable
Packing group	Not Applicable
Special Provision	Not Applicable
Limited Quantity	Not Applicable

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

UN Number	**Not Applicable**
Proper shipping name	**Noit Applicable**
ICAO/IATA Hazard Class	**Not Applicable**
ICAO/IATA Packing group	**Not Applicable**
ICAO/IATASpecial Provision	**Not Applicable**
ICAO/IATA Limited Quantity	**Not Applicable**

IMDG/IMO Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

UN Number	Not Applicable
Proper shipping name	Noit Applicable
IMDG Hazard Class	Not Applicable
IMDG Packing group	Not Applicable
IMDG Special Provision	Not Applicable
IMDG Limited Quantity	Not Applicable

Transport in bulk according to Annex II of MARPOL and the IBC code : Not Applicable.

15. Regulatory information

• Hazard designation of product: Xi Irritant.
• Irritating to eyes and skin.
• Safety phrases
Keep out reach of children If swallowed, seek medical attention immediately In case of contact with eyes, rinse immediately with plenty of water and seek medical attention. After contact with skin, wash immediately with plenty of water and soap and rinse thoroughly.
• National regulations

16. Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for anyspecific product features and shall not establish a legally valid contractual relationship. Department issuing data specification sheet Environment protection department.

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