Material Safety Data Sheet

Ballast Tank Cleaner (RXSOL-23-2005-025)

1. Product and Company Identifaction

Product Name	:	**RXSOL-20-2001-SP**
Product Type	:	**Tank Cleaner Super**

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / informationon ingredients

Chemical characterization

Description	Mixture contains: Emulsifiable liquid of Aliphatic & Aromatic fuel (20 to 30%) Along with Butoxyethanol , Emulsifying agents as surfactants, FattyAcid derivative (biodegradable substance 85 to 90%) and Ethoxylate . And with harmless addition.

3. Hazards Identification

N Dangerous for Enviroment

Environmental Hazards	None
Human Health Hazards	Moderates , may cause lung damage if swallowed
NOTE	Person-related safety precautions required.

4. First Aid Measures

(Take affected persons out of Danger area and instruct to lie down)

After inhalation	On Inhalation move to fresh air / Arificial respiration . Get medical attention in case of symptoms
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.
After swallowing	(On persistent symptoms Harmful, if ingested,Do not induce Vomiting. Get medical attention.

5. Fire-fighting Measures

Extinguishing Media	Cool endangered container with water
A. Suitable	Foam ,dry Co2, water spray
B. Not suitable	Not applicable
C. Special	Not applicable ,
Direct water jet on larger fire	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 TC 2001 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 , oil adsorbent).

7. Handling and Storage

Ensure adequate ventilation

Handling	Eyewash facilities require at workplace
Storage	General Storage , container should be tightly. Protect from direct sunlight and heat flames.
Methods of cleaning	Flush Spill Area with Water
Note	Keep Container Tightly Closed

8. Exposure controls and personal protection

Enviromental Precaution	Readily Bio-Degradable , missible with water , low toxicity , No environmental problem on correctly usage.
Personal Protection	
Respiratory System Protection	Breathing equipment Not.

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 hand	Protective gloves , wash hand after touch.
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: 0.99 Note: Shelf life 5 Years	
Boiling Point	Materials Boils At 160°C	
Flash Point	None	
Flammability	Not self Igniting	
Explosive	Not Explosive	
Solubility in Water	100% soluble fully miscible Efficiancy	
Compatibility		A . SEA WATER 70% B. FRESH WATER 84%
Metal	No known effect	
pH	6 +0.5	
Packaging	Order No RXSOL TC 2001	Size (in litres) 25 , 30 , 210

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 drinking water if even small quantities leak into soil.

13. Disposal considerations

This material must be disposed with local national regulations. Product Recommendation (Recommended cleaning agent : water).Must be not dispose of together with household garbas.Can be burnt under adherence to the necessary technical regulations.Disposal must be made according to official regulations. Can be reused or recycled after cleaning

14. Transport information

LAND TRANSPORT

9, Miscellionus Dangrous, substance and article
• Marine pollutant:

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
Harmful if swallowed
In case of contact with eyes, rinse immediately with plenty of water and
seek medical attention.
Do not Breathe
After contact with skin, wash immediately with plenty of water and soap and rinse thoroughly.
Risk of serious damage to eyes
• National regulation

16. Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.Department issuing data specification sheet:Environment protection department.Note: No Enviromental Problems Are Expected If The Product Is Handled Correctly.

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