Material Safety Data Sheet

Tank Cleaner (RXSOL-20-2054-025)

1. Product and Company Identifaction

Product Name	:	**RXSOL-20-2001**
Product Type	:	Tank Clean

Company Details:

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

Phone	:	+91 22 65113333 / 5555 / 9999 / 27611360
Fax	:	+91 22 2781 1318 :::AOH :0091 9821214367
Email	:	mail@rxmarine.com

2. Composition / informationon ingredients

Chemical characterization
Description :Mixture contains: Emulsifiable liquid of Aliphatic & Light Aromatic NAPTHA (20 to 70%) Along with Butoxyethanol (High Wax Disolving Nature)
Emulsifying agents as surfactants, FattyAcid derivative (biodegradable substance 85 to 90%) and Alcoholic Ethoxylate . Blend of anionic surfactants, ammonia and sequestering agents. And with harmless addition which accelerate emulsification and Cleaning nature of PRODUCT.

3. Hazards Identification

Signal Word : Danger Skin Irritation : Causes severe skin burns

Eye Irritation : Causes serious eye damage

Acute Toxicity Oral : No information found

Acute Toxicity Dermal : No information found

Hazard Categories : Oral/Dermal Toxicity - 5/5; Eye irritation - 1; Skin irritation - 1A

Hazard Statement : May be harmful if swallowed Causes severe skin burns and eye damage Causes serious eye damage May be harmful if inhaled
Environmental Hazards : None
Human Health Hazards :Moderates , may cause lung damage if swallowed
NOTE: Person-related safety precautions required. Repeated exposure may cause SKIN dryness.

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. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.
After skin contact	Instantly wash with water and soap and rinse thoroughly. Generally Non Irritating, Protective clothing require. Take off all contaminated clothing immediately. Rinse with water or shower. Wash with plenty of soap and water for several minutes. Call a poison control center or doctor for specific treatment advice. If skin irritation occurs, get medical attention.

After eye contact	Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor. Eye : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, then continue rinsing. If eye irritation persists, get medical advice or attention.
After swallowing	(On persistent symptoms Harmful, if ingested,Do not induce Vomiting. Get medical attention. Rinse mouth. Do not induce vomiting, unless advised otherwised by poison control center or doctor. Do not give anything by mouth to an unconscious person. Call a poison control center or doctor for specific emergency medical advice if you feel unwell.

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 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
Precautions for Safe Handling : Keep out of reach of children. Read label before use. Do not eat, drink or smoke when using this product. Do not breathe dust, fumes, gas, mist, vapor or spray. Wash hands thoroughly after handling. Wear protective gloves and clothing, eye protection, face protection. Wash contaminated clothing before reuse.

Conditions for Safe Storage : Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store at temperatures between 40 Degrees F. and 90 Degrees F.

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 gla

9. Physical and chemical properties

PRODUCT PROPERTIES

Appearance	Clear liquid / Low viscous	
Odor	Characteristic / Odorless	
Density	In g/cm3 at 15°C: 0.87 NOTE : SHELF LIFE 5 YEARS	
Boiling Point	MATERIALS BOILS AT 180°C	
Flash Point	50 0 C	
Flammability	Not self Igniting	
Explosive	Not Explosive	
Solubility in Water	100% soluble fully miscible EFFICIENCY	
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.
Reactivity : No information found

Chemical Stability : Stable

Hazardous Decomposition Products : Incomplete combustion may produce carbon monoxide and other asphyxiates.

Hazardous Polymerization : Will not occur

Conditions to Avoid : Avoid contact with strong oxidizing agents as reactions can occur.

Incompatible Materials : Strong oxidizing agents, such as acids, chlorine, bromine, gold, or hypochlorite bleaches, as reactions can occur.

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)

Acute Toxicity (Oral LD50) : No information found

Acute Toxicity (Dermal LD50) : No information found

Acute Toxicity Inhalation LC50 : No information found

Likely Routes of Exposure : Eyes, skin, ingestion, and inhalation.

Skin Irritation : Causes severe skin burns

Eye Irritation : Causes severe/serious eye damage

Skin Sensitization : No information found

Carcinogenic : Not listed by IARC, NTP or OSHA.

Chronic Effects : No information found

Other Hazards : No information found

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 regulations

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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