Material Safety Data Sheet

BIOCleaner for OIL GREASE (RXSOL-10-1717-025)

1. Product and Company Identifaction

Product Name	BIOCleaner for OIL GREASE
Product Type	Degreaser RXSOL-10-1717-025

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
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2. Composition / informationon ingredients

Oxidation blowing and chemical reaction of Fatty alcohol derivative, non-ionic surfactants,phosphates , EDTA, potassium hydroxide and remaining which is not in the list of hazardous materials . 100% Biodegradable content.

3. Hazards Identification

Environmental Hazards	None (> 90% INGREDIENTS are bio degradable.)
Human Health Hazards	Moderates

R 36/38: Irritating to eyes and skin.

4. First Aid Measures

Inhalation	supply or remove to fresh air , Not relevant
Skin Contact	Rinse with running water and soap. Remove contaminated clothes.
Eye Contac	Flush with running water for at least 15 minutes Immediately
Ingestion	Seek medical attention , try to drink more fresh water

5. Fire-fighting Measures

Suitable	N.A. can use all extinguishing media like foam dry Co2 , water-spray.
Not suitable	Not applicable
Special	Not applicable

Protection of fire Fighter	Not applicable
Precaution for fire-fighters	Wear protective equipme

Non combustible product

6. Accidental Release Measures

Enviromental Precaution	Direct flow into drainage system, surface or ground water is prohibited.
Cleaning Method	Flush Spill Area with Water and remove with liquid-absorbing material like foam sand,sawdust etc..

7. Handling and Storage

Condition to Avoid	Non flammable but avoid direct heating
Materials to Avoid	Do not subject to Acidic / Oxidizing Agents.
Handling	Keep Container Tightly Closed

NOTE **:**Eyewash facilities require at workplace
- The product causes corrosion on skin and mucous membranes Pl. Note that In case of discharge of acidic or alkaline products into the sewerage system the pH must be in the range of 6-10 since higher or lower pH values may damage the sewerage system or impair biological dosage treatment plants. So that for maintaining pH we have to add acidic / basic medium neutaliser . For example if pH is less than 6 basic neutraliser is required and if pH is more than 10 acidic nature neutraliser is required. For details of any guideline pl. Visit our technical website www.rxmarine.com
• Dilute in water (always use plastic jar and RXSOL should be added to water never add water to RXSO

8. Exposure controls and personal protection

Personal Protection:

Respiratory System Protection	Approved respirator must be worn when spraying.
Eye Protection	wear eye protection (on possibility of contact).
Hand protection	wear PVC chemical resistance protective gloves.

9. Physical and chemical properties

PRODUCT PROPERTIES :

Appearance	Clear liquid
Density	In g/cm3 at 20°C: 1.1
Compatibility	
Metal	No known effect

Rubber	No known effect
pH	Alkaline (12.5) .
Flash point	Not Applicable
Solubility	100% soluble in water

10. Stability and reactivity

Hazardous Decomposition Products	Do not occur if stored and used as directed. In FIRE combustion CO, CO2 , NH3 , SOX etc hazardous gas.

11. Toxicological information

Comment	Not applicable , Emulsifies in water . Product is giving irritation on skin.

12. Ecological information

95 % added surfactants are biodegradable as per by international regulation . But strictly This material must be disposed with local national regulations.

13. Disposal considerations

As per guide line of local rules and regulation and before disposal and neutralization pl. refer 07 article.

14. Transport information

Proper Shipping Name	EMULSIFIER Solution
Proper Shipping Name: Sodium hydroxide, solution UN No.	1824
Hazard Class	8 Packing Group II
Road/Rail (ADR/RID)	
Proper Shipping Name	EMULSIFIER Solution
ADR UN No.	1824
ADR Hazard Class	8 Tremcard: 80S1824

15. Regulatory information

HARMFUL
R22 HARMFUL IF SWALLOWED.
R41 RISK OF SERIOUS DAMAGE TO EYES.

S13 KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.
S25 AVOID CONTACT WITH EYES.
S39 WEAR EYE/FACE PROTECTION.
S41 IN CASE OF FIRE AND/OR EXPLOSION DO NOT BREATHE FUMES.

16. Other information

(R35: Causes severe burns.
R41: Risk of serious damage to eyes.)
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