

1. Product and Company Identification

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Product Name RXSOL-10-1005-025

Product Type DEGREASER HEAVY DUTY

Company Details:

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2. Composition / Information on ingredients

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Chemical characterization : VERY POWERFULL Bio Degradable CLEANER MIXTURE Description: Mixture contains: Carrier liquid of PETRA (20 to 30%) Along with Linear - Alkyl delivative Emulsifiable products , Emulsifying agents as surfactants, Fatty Acid & alcohol derivative (biodegradable substance 85 to 90%) and Ethoxylate . And with harmless addition. *See Section 16

3. Hazards Identification

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Human Health Hazards R 36/38 : Causes Irritation / Inhalation may cause headache & dizziness . may cause adverse effects to aquatic environment. Keep away from food, children , animal .

4. First Aid Measures

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Inhalation Supply fresh air on irritation medical attention require & show this MSDS to physician.

Skin Contact In case of contact with skin , wash immediately with plenty of water and soap Remove contaminated clothes. On extra irritation use ointment on Doctor advice.

Eye Contact Flush with running water on open eyelids for at least 15 minutes, Immediately medical attention require.

Ingestion Seek medical attention , don't try to drink more water / milk because too much water increase the danger of vomiting . (on vomiting always keep head low to prevent inhalation of airways)

5. Fire-fighting Measures

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Suitable Water, Fog or Mist, Alcohol-resistant foam, on small fires dry chemical, carbon dioxide (CO₂) also can used.

Not Suitable Alcohol foam / and high pressure of water jet may cause splitting of excess materials.

Special Container close to fire cooled immediately then remove to other place.

Precaution for fire-fighters Self contained breathing apparatus or apparatus should attached to air supply.

Note: Fired materials vapours are heavier than air and may travel along the ground for.

6. Accidental Release Measures

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Environmental Precaution Direct flow into drainage system, surface or ground water is prohibited

Cleaning Method for preventing the spreading of materials remove spill mechanically or with absorbent materials and dispose of in accordance with section 13. Flush with large amounts of water to clean the area. Ventilate well. Personal: During usage of chemical personal should use all normal protective equipment and avoid contact with eye and skin and for use in close environment personnel should use respiratory breathing apparatus

7. Handling and Storage

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Storage Ensure Adequate Ventilation

Condition to Avoid Flammable but product is stable under normal condition, take precaution as industrial chemical.

Materials to Avoid Do not subject directly to ALKALINE / Acidic medium.

Handling Keep Container Tightly Closed in the original container and keep away from open flames / ignition sources.

Note Eyewash facilities require at workplace

The product causes corrosion on skin and mucous membranes GENERALLY 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 neutraliser. 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 RXSOL.)

8. Exposure controls and personal protection

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Product Properties

Respiratory System Protection Approved respirator must be worn when spraying otherwise normally not required

Eye Protection If there is possibility to contact wear goggles for eye protection

Hand protection Wear PVC chemical resistance protective gloves

Other Information Smoking in store / work area is prohibited.

9. Physical and chemical properties

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Appearance Clear brownish liquid

Density/cm³ at 15°C: 0.89

pH N/A

Flash Point Boiling point 90 °C

Ignition temp

>210 °C

SOLUBILITY Emulsifiable with water / soluble in most solvents

10. Stability and reactivity

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Stable under normal condition on access of heat Vapour/gas may form explosive mixtures with air. Hazardous Decomposition Products: No decomposition if stored and used as directed. In FIRE combustion CO, CO₂, NH₃, SOX etc hazardous gas produced. Note: MATERIALS TO AVOID Hydrocarbons and their derivatives may attack certain types of plastic, rubber and paint

11. Toxicological information

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Skin Irritation Gives irritation may causes dryness. And prolonged contact with skin can cause degreasing effect.

Eye Irritat Cause severe irritation

Sensitization Sensitizing properties not known

Chronic Toxicity Not Identified

Carcinogenicity Not regulated. (prolonged inhalation of solvents may cause chronic solvent intoxication.

12. Ecological information

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RXSOL OB 1005 emulsifies in water and degradable , Toxic to aquatic organism & dangerous for environment but no enviromental problem will create when the product is used correctly . in its intended use the product will not be released into the environment.

13. Disposal considerations

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

14. Transport information

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NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF ADG CODE, IMDG OR IATA

Goods classified for road /rail /Sea transport YES with UN-no3082

Proper shipping name Environmentally hazardous liquid contains (Alkyl (C3-C8) Benzenes)

Hazard identification no 90 Product identification (UN) no 3082

TREMCARD no. CEFIC90G01

Marine pollutant Yes

Flash point 90 °C

Label colour White./Black.

Marine pollutant: No

15. Regulatory information

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Contains: Aromatic Hydrocarbons, Alkyl (C3-C8)

Rphrases

R51/53 Toxic to aquatic organisms/may cause long term adverse effects in the Environment

R52 Marine Pollutant

R65 Harmful: May cause lung damage if swallowed

Sphrases

S23 Do not breathe vapour

S24 Avoid contact with skin

S60 This material and its container must be disposed of as hazardous waste

S61 Avoid spillage to the environment. Ask for special instructions/safety Datasheet

S62 If swallowed, do not induce vomiting; seek medical advice immediately

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

REFERENCES Classified according to European directive on classification of dangerous preparations 90/492/EEC and accordance with EU directive 88/379. .

16. Other information

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on the basis of information and experience as well as our present knowledge this guidelines is only safe for handling, use, processing, storage, transport, disposal and discharge; this is not a guarantee or quality of specification. And combination with other products will lost the properties. It is always the responsibility of the user to take all necessary steps to ensure that information given here is read and understood by all who use, handle, dispose of or in any way come in contact with the product. It is not to be considered as a guarantee of the products properties. Disclaim: The information in this MSDS is meant as a description of the safety requirements of our product.

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