

1. Product and Company Identification

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Product Name RXSOL-41-4128-025
Product Type Engine Degreaser

Company Details:

RX MARINE INTERNATIONAL 105, A wing, BSEL, TECH PARK. VASHI, NEW BOMBAY 400703 INDIA Branch Stock Point :: Mumbai, Kandla, Chennai - Ennore, visakhapatnam, Kolkata, Fujairah, Muscat, Kenya, Canada

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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 (CO ₂) 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 Cleaning Method	Direct flow into drainage system, surface or ground water is prohibited for preventing the spreading of materials remove spill mechanically or with absorbent materials and dispose of in accordance with section
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Environmental Precaution

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

Do not subject directly to ALKALINE / Acidic medium.

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

g/cm³ at 15°C: 0.89

pH

N/A

Flash PointBoiling 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, SO_x etc hazardous gas produced.Note : MATERIALS TO AVOID Hydrocarbons and their derivatives may attack certain types of plastic, rubber and pain

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

ChronicToxicity

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 environmental 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 /railSea transport	YES with	UN-no	3082
/			
Proper shipping name	Environmentally hazardous liquid	contains	(Alkyl (C3-C8) Benzenes)
Hazard identification no	90	Product identification	(UN) no
TREMCARD no.	CEFIC	90G01	3082
Marine pollutant	Yes		
Flash point	90 °C		
Labelcolour	White./Black.		

Marine pollutant: No

15. Regulatory information

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Contains: Aromatic Hydrocarbons, Alkyl (C3-C8)

R	phrases
R	51/53 Toxic to aquatic organisms/may cause long term adverse effects in the Environment
R	52 Marine Pollutant
R	65 Harmful: May cause lung damage if swallowed
S	phrases
S	23 Do not breathe vapour
S	24 Avoid contact with skin
S	60 This material and its container must be disposed of as hazardous waste
S	61 Avoid spillage to the environment. Ask for special instructions/safety Datasheet
S	62 If swallowed, do not induce vomiting; seek medical advice immediately
S	36/37/39 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.