

1. Product and Company Identification

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Product Name RXSOL-16-1032-020

Product Type Heavy Duty Cleaner

Company Details:

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

Stock Point : Mumbai, Gandhidham, Kolkata, Chennai, Fujairah, Muscat, 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, FattyAcid & alcohol derivative (biodegradable substance 85 to90%) 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 ointement 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 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 materilas 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 section 13. Flush with large amounts of water to clean the area. Ventilate well. Personal: During usage of chemical products all normal protective equipment and avoid contact with eye and skin and for use in close environment personnel should wear 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 required at workplace

The product causes corrosion on skin and mucous membranes GENERALLY P1. 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/cm^3 at 15°C: 0.89
pH	N/A
Flash Point	90 °C
Boiling point	>210 °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 cause dryness. And prolonged contact with skin can cause degreasing effect.
Eye Irritation	Cause severe irritation
Sensitization	Sensitizing properties not known
Chronic Toxicity	Not Identified

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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Goods classified for road /rail /

Proper shipping name

Hazard identification no

TREMCARD no.

Marine pollutant

Flash point

Labelcolour

Sea transport

Environmentally hazardous liquid

90 Product identification

CEFIC

Yes

90 °C

White./Black.

YES with

contains

90G01

UN-no

(Alkyl (C3-C8) Benze

(UN) no

Marine pollutant: No

Transport/Additional information

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.

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