

## 1. Product and Company Identification

www.rxmarine.com

Product Name : RXSOL-20-2008-025  
Product Type : Hydrocarbon Remover Hcf

### Company Details:

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

Stock Point : Mumbai, Kandla, Kolkata, Chennai, Vizag, Kenya, Muscat, Fujairah, Canada

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## 2. Composition / Information on ingredients

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\* Chemical characterization

\* Description: Mixture of the substances listed below with harmless additions.

\* Dangerous components:

CAS : 111-76-2 2-butoxyethanol Xn; R 20/21/22-36/38 5-10% EINECS : 203-905-0

CAS : 112-34-5 2-(2-butoxyethoxy)ethanol Xi; R 36 2.5-5% EINECS : 203-961-6

Fatty Alcohol Mixture derivative : 10 - 20%

\*See Section 16

## 3. Hazards Identification

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Chemical characterization

Description Mixture of substances listed below with nonhazardous additions. Cleansing agent

Dangerous components non-ionic surfactants Xn, Xi; R 22-41 10-25 % CAS: 111-76-2

Einecs 203-905-0 2-butoxyethanol Xn, Xi; R 20/21/22-36/38 2.5-10%

## 4. First Aid Measures

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General information

Immediately remove any clothing soiled by the product. Symptoms of poisoning may even occur after several hours; observation for at least 48 hours after the accident.

After inhalation

Supply fresh air; consult doctor in case of complaints.

After skin contact

Generally the product does not irritate the skin.

After eye contact

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing

Call for a doctor immediately

## 5. Fire-fighting Measures

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Suitable extinguishing agents

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Protective equipment

No special measures required.

## 6. Accidental Release Measures

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Person-related safety precautions	Wear protective clothing.
Measures for environmental protection	Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.
Measures for cleaning/collecting	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation. Dispose of the material collected according to regulations.

## 7. Handling and Storage

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### Handling

Information for safe handling

Store in cool, dry place in tightly closed receptacles. Prevent formation of

Information about fire- and explosion protection

No special measures required.

### Storage

Requirements to be met by storerooms and receptacles

No special requirements.

Information about storage in one common storage facility

Not required.

Further information about storage conditions

None.

## 8. Exposure controls and personal protection

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Additional information about design of technical facilities: No further data; see item 7.

☐ Ingredients with limit values that require monitoring at the workplace:

111-76-2 2-butoxyethanol

WEL                      Short-term value: 50 ppm  
Long-term value: 25 ppm

☐ Additional information: The lists valid during the making were used as basis.

☐ Personal protective equipment:

☐ General protective and hygienic measures: Keep away from foodstuffs, beverages and feed.

☐ Respiratory protection: Not required.

☐ Protection of hands: Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

☐ Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

☐ Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

☐ Eye protection: Safety glasses

☐ Body protection: Protective work clothing



## 9. Physical and chemical properties

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☐ General Information --- Form: Fluid

Colour: Yellowish / Clear

Odour: Characteristic

☐ Change in condition ::: Melting point/Melting range : Undetermined. Boiling point/Boiling range: 171°C

☐ Ignition temperature: 240°C

☐ Self-igniting: Product is not selfigniting.

☐ Danger of explosion: Product does not present an explosion hazard.

☐ Explosion limits: Lower: 1.1 Vol % , Upper: 10.6 Vol %

☐ Vapour pressure at 20°C: 23 hPa

☞ Density at 20°C: 1.01 g/cm<sup>3</sup>  
☞ Solubility in / Miscibility with water: Fully miscible.  
☞ pH-value at 20°C: > 7

## 10. Stability and reactivity

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Thermal decomposition / conditions to be avoided  
Dangerous reactions No dangerous reactions known.  
Dangerous decomposition products

No decomposition if used according to specifications.-

Carbon monoxide and carbon dioxide.

## 11. Toxicological information

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Acute toxicity  
on the skin  
on the eye  
Sensitization  
Additional toxicological information  
  
Classification Guidelines for Preparations as issued in the latest version

Primary irritant effect:  
No irritant effect.  
No irritating effect.  
No sensitizing effects known.  
The product shows the following dangers according to the calculation  
General EU  
Harmful

## 12. Ecological information

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General notes

Water hazard class 2 (German Regulation) (Self-assessment): hazardous  
not allow product to reach ground water, water course or sewage system  
drinking water if even small quantities leak into the ground.

## 13. Disposal considerations

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Product Recommendation  
  
Uncleaned packaging Recommendation  
Recommended cleansing agents

Must not be disposed together with household garbage. Do not allow  
sewage system.  
Disposal must be made according to official regulations.  
Water, if necessary together with cleansing agents.

## 14. Transport information

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☞ Land transport ADR/RID (cross-border)  
☞ ADR/RID class: -  
☞ Maritime transport IMDG:  
☞ IMDG Class: -  
☞ Marine pollutant: No  
☞ Air transport ICAO-TI and IATA-DGR:  
☞ ICAO/IATA Class: -

## 15. Regulatory information

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Labelling according to EU guidelines  
  
Code letter and hazard designation of product

The product has been classified and marked in accordance with the  
Ordinance on Hazardous Materials.  
Xn Harmful

Risk phrases	22 Harmful if swallowed.
Safety phrases	23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be used by the manufacturer). 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 36/37/39 Wear suitable protective clothing, gloves and eye/face protection. The material and its container must be disposed of as hazardous waste.
National regulations	
Waterhazard class	Water hazard class 2 (Self-assessment): hazardous for water.

## 16. Other information

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This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

☐ Relevant R-phrases :: 20/21/22 Harmful by inhalation, in contact with skin and if swallowed. 22 Harmful if swallowed.  
36/38 Irritating to eyes and skin. 41 Risk of serious damage to eyes.

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