

# Hydrocarbon Remover Hcf

Part No. RXSOL-20-2008-025 — Generated 28 Sep 2026

## 1. Product and Company Identification

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

Phone : +91 22 65113333 / 5555 / 9999 / 27611360  
Fax : +91 22 2781 1318 ::AOH :0091 9821214367  
Email : [mail@rxmarine.com](mailto:mail@rxmarine.com)

## 2. Composition / information on ingredients

\* 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

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

General information Immediately remove any clothing soiled by the product. Symptoms of poisoning may even occur after several hours; therefore medical 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

|                               |                                                                                            |
|-------------------------------|--------------------------------------------------------------------------------------------|
| Suitable extinguishing agents | CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. |
| Protective equipment          | No special measures required.                                                              |

## 6. Accidental Release Measures

|                                       |                                                                                                                                                                                                                                                                             |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Person-related safety precautions     | Wear protective clothing.                                                                                                                                                                                                                                                   |
| Measures for environmental protection | Dilute with plenty of water.<br><br>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).<br><br>Dispose contaminated material as waste according to item 13.<br><br>Ensure adequate ventilation.<br><br>Dispose of the material collected according to regulations. |

## 7. Handling and Storage

|                                                  |                                                                                       |
|--------------------------------------------------|---------------------------------------------------------------------------------------|
| Handling                                         |                                                                                       |
| Information for safe handling                    | Store in cool, dry place in tightly closed receptacles.Prevent formation of aerosols. |
| 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

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

- General Information --- Form: Fluid

Colour: Yellowise / 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

|                                                  |                                                        |
|--------------------------------------------------|--------------------------------------------------------|
| Thermal decomposition / conditions to be avoided | No decomposition if used according to specifications.- |
| Dangerous reactions                              | No dangerous reactions known.                          |
| Dangerous decomposition products                 | Carbon monoxide and carbon dioxide.                    |

## 11. Toxicological information

|                                                                            |                                                                                               |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Acute toxicity                                                             | Primary irritant effect:                                                                      |
| on the skin                                                                | No irritant effect.                                                                           |
| on the eye                                                                 | No irritating effect.                                                                         |
| Sensitization                                                              | No sensitizing effects known.                                                                 |
| Additional toxicological information                                       | The product shows the following dangers according to the calculation method of the General EU |
| Classification Guidelines for Preparations as issued in the latest version | Harmful                                                                                       |

## 12. Ecological information

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

## 13. Disposal considerations

|                                    |                                                                                                    |
|------------------------------------|----------------------------------------------------------------------------------------------------|
| Product Recommendation             | Must not be disposed together with household garbage. Do not allow product to reach sewage system. |
| Uncleaned packaging Recommendation | Disposal must be made according to official regulations.                                           |
| Recommended cleansing agents       | Water, if necessary together with cleansing agents.                                                |

## 14. Transport information

- 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

|                                               |                                                                                                                                                                                                                                                            |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Labelling according to EU guidelines          | The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.                                                                                                                                            |
| Code letter and hazard designation of product | Xn Harmful                                                                                                                                                                                                                                                 |
| Risk phrases                                  | 22 Harmful if swallowed.<br><br>23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).                                                                                                                        |
| Safety phrases                                | 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.<br>36/37/39 Wear suitable protective clothing, gloves and eye/face protection. 60 This 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

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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