

**Product Name:** Hydrocarbon Remover HCF

**Part No / SKU:** RXSOL-20-2008-210

**Date of Issue:** September 09, 2026

**Document Type:** Material Safety Data Sheet (MSDS)

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

|              |   |                   |
|--------------|---|-------------------|
| Product Name | : | RXSOL-20-2008-210 |
| Product Type | : | HCF REMOVER       |

### Company Details:

RX MARINE INTERNATIONAL  
105, A wing , BSEL , TECH PARK.  
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|       |   |                                                          |
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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

|                                         |                                                                                 |
|-----------------------------------------|---------------------------------------------------------------------------------|
| Chemical characterization               |                                                                                 |
| Description                             | Mixture of substances listed below with nonhazardous additions. Cleansing agent |
| Components ( Other then Soft Raw Base ) | 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%                      |

\*See Section 16

## 3. HAZARDS IDENTIFICATION

|                                                                     |                                                                                                                                                                                             |
|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazard description                                                  | Xn Harmful                                                                                                                                                                                  |
| Information concerning Particular hazards for human and environment | The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version. R 22 Harmful if swallowed. |
| Classification system                                               | The classification is according to the latest editions of the EU-lists, and extended by company and literature data.                                                                        |

#### 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.                                                                     |
|                                       | 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

|                                                          |                                                                                           |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Handling                                                 |                                                                                           |
| Information for safe handling                            | Store in cool, dry place in tightly closed receptacles.<br>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 / 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/cm³
- 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.                                                                                                                                                                                                                                                                                                                                             |
| Safety phrases                                | 23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).<br>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.<br>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 AND DISCLAIMER

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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