

1. Product and Company Identification

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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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2. Composition / Information on ingredients

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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

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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 GHS General Classification guideline for preparation of 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

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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 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

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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 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

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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/cm³

☐ Solubility in / Miscibility with

water: Fully miscible.

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): hazard
not allow product to reach ground water, water course or sewage s
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 p
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
Risk phrases
Safety phrases

The product has been classified and marked in accordance with
Ordinance on Hazardous Materials.
Xn Harmful
22 Harmful if swallowed.
23 Do not breathe gas/fumes/vapour/spray (appropriate wording to b

National regulations

Waterhazard class

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.

60 This material and its container must be disposed of as hazardous waste.

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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