

1. Product and Company Identification

www.rxmarine.com

Product Name **RXSOL-20-2007-210**

Product Type **HCF REMOVER**

Company Details:

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

Stock Point ::: Mumbai, Chennai, Kolkata, Kandla, visakhapatnam, Fujairah UAE, Muscat Oman

Phone +91 22 27815540 / 27815542

Fax +91 22 2781 1318 :::AOH :0091 9821214367

Email mail@rxmarine.com

2. Composition / Information on ingredients

www.rxmarine.com

* 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

CAS : 34590-94-8 Dipropylene Glycol Methyl Ether 2 - 5%

Fatty Alcohol Mixture derivative : 10 - 20%

*See Section 16

3. Hazards Identification

www.rxmarine.com

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

www.rxmarine.com

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 and 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

www.rxmarine.com

Suitable extinguishing agents

Non Flammable can be use all kinds of fire extinguisher like CO₂, powder or water spray. Fight larger fires with water resistant foam.

6. Accidental Release Measures

www.rxmarine.com

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 according to item 13. Ensure adequate ventilation. Dispose Of The Material Collected According To Regulations.

7. Handling and Storage

www.rxmarine.com

Handling

Information for safe handling

Store in cool, dry place in tightly closed condition.

Fire and explosion protection

No special measures required.

Storage

Store rooms and receptacles

No special requirements.

Storage in one common storage facility

Not required.

Further information about storage conditions

None.

8. Exposure controls and personal protection

www.rxmarine.com

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.

☐ 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

www.rxmarine.com

General Information

Form

Fluid / Liquid

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.

Vapour pressure at 20°C

23 hPa

Density at 20°C

1.00 g/cm³

Solubility in / Miscibility with

Water

Fully miscible.

pH-value at 20°C

> 7

10. Stability and reactivity

www.rxmarine.com

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

www.rxmarine.com

Acute toxicity
On the skin
On the eye
Sensitization
Additional toxicological information

Primary irritant effect:
No irritant effect.
No irritating effect.
No sensitizing effects known.
When used and handled according to specifications, the product does not have any harmful experience and the information provided to us. Harmful if swallowed.

Classification Guidelines for Preparations as issued in the latest version
No decomposition if used according to specifications.

12. Ecological information

www.rxmarine.com

General notes
HCF REMOVER is Readily Biodegradable. Its Biodegradability - Biodegradation is 90 - 100 Day. Danger to drinking

13. Disposal considerations

www.rxmarine.com

Product Recommendation
Uncleaned packaging Recommendation
Recommended cleansing agents

Must not be disposed of together with household garbage.
HCF REMOVER is Readily Biodegradable, But avoid mixture from drinking water contact.
Water, if necessary together with cleansing agents.

14. Transport information

www.rxmarine.com

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

15. Regulatory information

www.rxmarine.com

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 EU Directives / Ordinal Materials.
Xn Harmful
22 Harmful if swallowed.
23 Do not breathe gas / fumes / vapour / spray (appropriate wording to be specified by t
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical
Wear suitable protective clothing, gloves and eye/face protection. 60 This material and its
disposed of as hazardous waste.

16. Other information

www.rxmarine.com

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.

