Material Safety Data Sheet

Emulsion Sludge Breaker (RXSOL-20-2006-210)

1. Product and Company Identifaction

Product Name	**RXSOL-20-2006-0210**
Product Type	**Chembreak Emulsion Breaker 210 Ltr**

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / informationon ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
White spirit (de-aromatized)	60-100	64742-48-9	265-150-3	65,66	Xn
Sodium Petroleum Sulphonate	5-10	68608-26-4	271-781-5	36	Xi
Rice Bran Derivative	20-30	Proprietory	----------	----------	------

*See Section 16

3. Hazards Identification

Odour	Smells of hydrocarbon.
Appearance	Liquid, brown, insoluble in water.
Contact with eyes	Causes redness and irritation.
Contact with skin	Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis.
Inhalation	In cases of severe exposure, anaesthesia may develop, May cause chronic pneumonitis, May cause coughing.
Ingestion	Harmful: may cause lung damage if swallowed (R65), The ingestion of significant quantities.may cause nausea/vomiting.

4. First Aid Measures

Contact with skin	Remove contaminated clothing immediately and drench affected skin with plenty of water Contaminated clothing should be laundered before reuse Seek medical attention if irritation persists.
Contact with eyes	If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes Irrigate eyes thoroughly whilst lifting eyelids When in doubt or symptoms persist, seek medical attention.
Ingestion	Do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention If vomiting occurs turn patient on side Obtain immediate medical attention.
Inhalation	Remove patient to fresh air Seek medical attention if ill effects occur.
General	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45).

5. Fire-fighting Measures

- Auto-ignition point 225 deg C at 760 mm Hg
- Flash point 66 deg C (CC)
- Decomposition products may include carbon oxides
- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide (S43)
- Do not use water jets
- Prevent run off water from entering drains if possible
- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback

6. Accidental Release Measures

Personal Precautions	Wear protective clothing as per section 8.
Environmental Precautions	Do not allow to enter public sewers and watercourses.
Immediate Actions	Contain spillage by any means possible.
Clean Up Actions	Absorb spillage in inert material and shovel up Ventilate the area and wash spill site after material pick-up is complete.
Special Precautions	Do not allow to enter public sewers and watercourses Wear protective clothing as per section 8.

7. Handling and Storage

Handling	Avoid contact with skin and eyes (S24/25) Eyewash bottles should be available See Section 8.
Storage	Keep only in the original container in a cool, well ventilated place (S3/9/49) Keep container tightly closed (S7) Keep away from open flames, hot surfaces and sources of ignition.

8. Exposure controls and personal protection

Exposure Limits	TLV (TWA) 275 mg/m3 (White spirit (de-aromatized).
Exposure controls	No special ventilation is required unless the product is used in a spray form.

Occupational exposure controls	No respiratory protection is required unless subject to contact with substance mist During fumigation/spraying wear suitable respiratory equipment (S42) Wear suitable protective clothing, including eye/face protection and gloves (neoprene or nitrile are recommended).

9. Physical and chemical properties

Odour	Smells of hydrocarbon
Appearance	Liquid, brown, insoluble in water
pH	not applicable
Boiling point	195 °C at 760 mm /Hg
Vapour pressure	1 mbar
Vapour density	(air = 1) >1
Melting point	not known
Specific gravity	1.0
Solubility	Insoluble in water
Flash point	66 deg C (CC)
Auto-ignition point	225 deg C at 760 mm Hg
Lower explosive limit	0.6 % (in air)

10. Stability and reactivity

- This article is considered stable under normal conditions
- Keep away from naked flames, incandescent or hot surfaces
- See Section 5

11. Toxicological information

Toxicological information	No experimental data available.
Inhalation	Inhalation of solvent vapours may give rise to nausea, headaches and dizziness.
Contact with skin	Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis.
Contact with eyes	May cause redness and irritation.
Ingestion	The ingestion of significant quantities may cause gastro-intestinal disturbances Aspiration hazard.

Carcinogenicity	No evidence of carcinogenic effects.

12. Ecological information

Ecotoxicity	This product has been evaluated on its behaviour in the environment by "The TNO Institue of Environmental Sciences" (The Netherlands organisation for applied Scientific Research). Based upon their report, IMO's BCH Working Group on the Evaluation of Safety and Pollution Hazards approved this product for use as tank cleaning agent by chemical tankers. Naphtha : LC50 (fish) >100 mg/l (96 hr). EC50 (daphnia) >100 mg/l (72 hr). IC50 (algae) >100 mg/l (72 hr)
Mobility	Insoluble in water
Persistence and Biodegradability	BOD28/COD > 60% (Naphtha) Sodium petroleum sulphonate: Not readily biodegradable
Bioaccumulation Potential	No information available
Other Adverse Effects	No environmental problems are expected when the product is used / handled correctly. In its intended use, the product will not be released into the environment.

13. Disposal considerations

Classification	This material and/or its container must be disposed of as hazardous waste.EU Waste class: 07.01
Disposal considerations	Do not discharge into drains or the environment, dispose to an authorised waste collection point Disposal should be in accordance with local, state or national legislation

14. Transport information

- Not classified as hazardous for transport

15. Regulatory information

Risk Phrases	Harmful: may cause lung damage if swallowed (R65).Repeated exposure may cause skin dryness or cracking (R66)
Safety Phrases	Do not breathe spray/mists (S23) Wear suitable protective clothing, eye/face protection and gloves (S36/37/39) If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label (S62).

16. Other information

Text of R and S phrase codes used in this safety data sheet:- R36: Irritating to eyes; R65: Harmful: may cause lung damage if swallowed; R66: Repeated exposure may cause skin dryness or cracking.The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer.This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC).This Safety Data Sheet is provided in compliance with The Dangerous Preparations Directive (88/379/EEC).This Safety Data Sheet is provided in compliance with The Safety Data Sheets Directive (2001/58EC).Composition information in accordance with Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents:Aliphatic hydrocarbons >30 %

Anionic surfactants 5-15 %

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