RXSOL

VARANASI CHEMICAL | RX MARINE INTERNATIONAL

Material Safety Data Sheet (MSDS)

RXSOL-70-7003-020
Fuel Emulsion Breaker 5 Ltr

1. Product and Company Identifaction

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Product Name	Fuel Emulsion Breaker 5 Ltr
Part Number	RXSOL-70-7003-020

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 Name	CAS No	EC Number	Symbols	Concentration
Naphtha (petroleum), Hydrodesulfurized heavy	64742-82-1	265-185-4	Xn	60-81
Proprietory Blend	---	---	---	21-30

3. Hazards Identification

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Classification of the substance or mixture	Counsil Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations. Refer to The Dangerous Substances Directive (67/548/EEC). Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations.
Label elements	Contains:Naphta (petroleum) hydrodesulfurized heavy. Harmful: may cause lung damage if swallowed (R65). Repeated exposure may cause skin dryness or cracking (R66).

Hazards identification	Do not breathe vapour/fumes (S23). 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).
Other hazards	Odour: Smells of hydrocarbon Appearance: Liquid, light, yellow, insoluble in water. Contact with eyes: Causes redness and irritation. Inhalation: In cases of severe exposure, nausea/vomiting may develop. In cases of severe exposure, dizziness, confusion, headache or stupor may develop.

4. First Aid Measures

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General advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If inhaled	IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate eyes thoroughly whilst lifting eyelids. When in doubt or symptoms persist, seek medical attention.
Swallowed	IF SWALLOWED: rinse mouth. Do NOT induce vomiting. 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
Skin Contact	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Contaminated clothing should be laundered before reuse. Seek medical attention if irritation persists.
Most important symptoms and effects, both acute and delayed	In cases of severe exposure, dizziness, confusion, headache or stupor may develop. Vapours or aerosols may cause irritation of eyes, nose and respiratory tract.
Indication of any immediate medical attention and special treatment needed	No data available.

5. Fire-fighting Measures

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Suitable extinguishing media	In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide (S43). Do not use water jets.
Special hazards arising from the substance or mixture	Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback. Smoke from fires is toxic. Take precautions to protect personnel from exposure.
Advice for firefighters	Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback. Smoke from fires is toxic. Take precautions to protect personnel from exposure. Wear Breathing Apparatus. Prevent run off water from entering drains if possible.

6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures	Wear protective clothing as per section 8.
Enviromental Precaution	Avoid release to the environment.
Methods and materials for containment and cleaning	Absorb spillage in inert material and shovel up. Ventilate the area and wash spill site after material pick-up is complete.
Reference to other sections	None.

7. Handling and Storage

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Precautions for safe handling	Eyewash bottles should be available. Do not get in eyes, on skin, or on clothing.
Conditions for safe storage, including any incompatibilities	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

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Control parameters	Naphtha (petroleum), hydrodesulfurized heavy TLV (TWA) 275 mg/m3.
Exposure control	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 respiratory protection. Gas cartridge (organic substances). Wear suitable protective clothing, including eye/face protection and gloves (neoprene or nitrile are recommended).

9. Physical and chemical properties

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Physical state	Liquid, light yellow, insoluble in water.
Odour	Smells of hydrocarbon.
Odor Threshold	Not Applicable
pH	No data available
Melting Point	No data available
Boiling Point	175 °C to 215 °C at 760 mm /Hg
Flash Point	>62 deg C (CC)
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Explosive limits	No Data Available
Upper/lower flammability or explosive limits	Lower explosive limit 0.6 % (in air) Upper explosive limit 7 % (in air)
Autoignition temperature	>200 deg C
Decomposition temperature	No data available
Vapour pressure	No data available

Density	0.82 g/cm3 at 20 deg C
Vapour Density	No Data Available
Freezing point	No data available
Specific Gravity	0.84 - 0.89
Partition coefficient	No data available
Explosive properties	No data available
Solubility	Insoluble in water
Relative density	0.893 g/cm3 @ 25o C (77o F)
Ignition temperature	No information available.
Particle characteristics	No data available
Viscosity	No data available

10. Stability and reactivity

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Reactivity	This article is considered stable under normal conditions
Stability	This article is considered stable under normal conditions.
Possibility of hazardous reactions	No hazardous reactions known if used for its intended purpose.
Conditions to avoid	Keep away from naked flames, incandescent or hot surface.
Incompatible materials	None.
Hazardous decomposition products	Decomposition products may include carbon oxides, carbon dioxide.

11. Toxicological information

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Acute toxicity	No experimental data available.
Contact with skin	Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis.
Contact with eyes	Causes irritation.
Inhalation	Inhalation of solvent vapours may give rise to nausea, headaches and dizziness.
Ingestion	The ingestion of significant quantities may cause damage to lungs. May cause gastro-intestinal disturbances.
Carcinogenicity	No evidence of carcinogenic effects.

12. Ecological information

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Toxicity	LC50 (fish) (naphta) 10-100 mg/l (96 hr).
Persistence and degradability	Most components in this product are not readily biodegradable.
Bioaccumulative potential	Hydrocarbon solvents have the potential to bioaccumilate.
Mobility in soil	Insoluble in water.
Results of PBT and vPvB assessment	Not a PBT according to REACH Annex XIII.

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

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Waste treatment methods	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
Classification	EU Waste class: 07.01.99. This material and/or its container must be disposed of as hazardous waste

14. Transport information

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UN number	N/A
UN proper shipping name	N/A
Transport hazard class(es)	N/A
Packaging group	N/A
Environmental hazards	On available data, substance is not harmful to the environment

15. Regulatory information

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Safety, health and environmental regulations specific for the product in question	This Safety Data Sheet has been prepared in accordance with article 31 and annex II in REACH and Directive 453/2010/EU.
Chemical Safety Assessment	None

16. Other information

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Other Information	The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, how so ever arising, even if RX Marine International has been advised of the possibility of such damages. DISCLAIMER OF LIABILITY :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

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