

1. Product and Company Identification

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Product Name Fuel Emulsion Breaker

Part Number RXSOL-70-7003-210

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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

3. Hazards Identification

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Classification of the substance or mixture	Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations. Refer to The Dangerous Substances Directive (67/548/EEC).
Label elements	Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations. Contains:Naphta (petroleum) hydrodesulfurized heavy. Harmful: may cause lung damage if swallowed (R65). Repeated exposure may cause skin dryness or cracking (R66). 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).
Hazards identification	Odour: Smells of hydrocarbon
Other hazards	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.
Swallowed	When in doubt or symptoms persist, seek medical attention. 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).
Special hazards arising from the substance or mixture	Do not use water jets. Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback.
Advice for firefighters	Smoke from fires is toxic. Take precautions to protect personnel from exposure. 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.
Environmental 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

Reference to other sections

wash spill site after material pick-up is complete.

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 bioaccumulate.
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

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 we 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.

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