# Material Safety Data Sheet

**Fuel Emulsion Breaker 210 Ltr** (RXSOL-70-7003-210)

## 1. Product and Company Identifaction

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| Product Name | Fuel Emulsion Breaker |
| Part Number | RXSOL-70-7003-210 |

Company Details:

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

Branch : Kandla, Mumbai , Chennai, Vizag, Kolkata, UAE , OMAN , CANADA and KENYA

| | |
|---|---|
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| Email | mail@rxmarine.com |
| Website | www.rxmraine.com |


## 2. Composition / informationon ingredients

| 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.<br>Refer to The Dangerous Substances Directive (67/548/EEC).<br>Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations. |
| Label elements | Contains:Naphta (petroleum) hydrodesulfurized heavy.<br>Harmful: may cause lung damage if swallowed (R65).<br>Repeated exposure may cause skin dryness or cracking (R66). |
| Hazards identification | Do not breathe vapour/fumes (S23).<br>Do not breathe spray/mists (S23).<br>Wear suitable protective clothing, eye/face protection and gloves (S36/37/39).<br>If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label (S62). |
| Other hazards | Odour: Smells of hydrocarbon<br>Appearance: Liquid, light, yellow, insoluble in water.<br>Contact with eyes: Causes redness and irritation.<br>Inhalation: In cases of severe exposure, nausea/vomiting may develop.<br>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. |

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| Eye Contact | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>Irrigate eyes thoroughly whilst lifting eyelids.<br>When in doubt or symptoms persist, seek medical attention. |
| Swallowed | IF SWALLOWED: rinse mouth. Do NOT induce vomiting.<br>Do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention.<br>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.<br>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).<br>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.<br>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.<br>Smoke from fires is toxic. Take precautions to protect personnel from exposure.<br>Wear Breathing Apparatus.<br>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).<br>Keep container tightly closed (S7).<br>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 controls | Exposure | No respiratory protection is required unless subject to contact with substance mist. During fumigation/spraying wear suitable respiratory equipment (S42).<br>Wear suitable respiratory protection. Gas cartridge (organic substances).<br>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. |

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| 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)<br>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. |

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| 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

Other Information

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