



# RXSOL

VARANASI CHEMICAL | RX MARINE INTERNATIONAL

**RXSOL-70-7003-210**

Fuel Emulsion Breaker 210 Ltr

## Material Safety Data Sheet (MSDS)

### 1. Product and Company Identification

[www.rxmarine.com](http://www.rxmarine.com)

|              |                       |
|--------------|-----------------------|
| 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   | <a href="mailto:mail@rxmarine.com">mail@rxmarine.com</a> |
| Website | <a href="http://www.rxmarine.com">www.rxmarine.com</a>   |

### 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         |
| 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.<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.                                                                                                                                                     |
| 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. 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.                                                                                  |
| 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 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 Exposure controls | 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.                                  |
| 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/cm <sup>3</sup> 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/cm <sup>3</sup> @ 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                                                            |
| 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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|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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