



# RXSOL

VARANASI CHEMICAL | RX MARINE INTERNATIONAL

## Material Safety Data Sheet (MSDS)

### RXSOL-35-3501-025

RXSOL ORG 6952 (Extreme Duty Aqueous Neutral Cleaner)

## 1. Product and Company Identification

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

|                |                             |
|----------------|-----------------------------|
| Product Name   | FOT Low Sulphur Conditioner |
| Product Number | RXSOL-70-7027-025           |

### Company Details:

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

Stock Point : Mumbai, Kolkata, Fujairah, Vizag, Chennai, Kandla, Muscat, Canada, Kenya

|       |                                                          |
|-------|----------------------------------------------------------|
| Phone | +91 22 65113333 / 5555 / 9999 / 27611360                 |
| Fax   | +91 22 2781 1318 ::::AOH :0091 9821214367                |
| Email | <a href="mailto:mail@rxmarine.com">mail@rxmarine.com</a> |

## 2. Composition / Information on ingredients

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| Chemical Name                                | Concentration | CAS Number | EC Number | R Phrases*    | Symbols |
|----------------------------------------------|---------------|------------|-----------|---------------|---------|
| Kerosine-unspecified                         | 60-100        | 64742-94-5 | 265-198-5 | 65,66, 51, 53 | Xn N    |
| Naphtha(petroleum), hydro desulfurized heavy | 10-30         | 64742-82-1 | 265-185-4 | 65,66         | Xn      |

Fatty Alcohol Polyethoxylated Polymer Exemption 1-30%

Manganese Octoate 6535-19-9 10-20%

Tall oil hydroxyethyl imidazoline 61791-39-7 2631712 10 - 30 C 34

## 3. Hazards Identification

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**Harmful**

|            |                                         |
|------------|-----------------------------------------|
| Odour      | Smells of hydrocarbon                   |
| Appearance | Liquid, pale yellow, 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, dizziness, confusion, headache or stupor may develop                                                                     |
| Ingestion         | Harmful: may cause lung damage if swallowed (R65) Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R51/53) |

#### 4. First Aid Measures

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|                             |                                                                                                                  |
|-----------------------------|------------------------------------------------------------------------------------------------------------------|
| 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 Give water or milk to drink           |
| 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

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- Auto-ignition point >200 deg C at 760 mm Hg
- Flash point >62 deg C (CC)
- Carbon oxides may be formed
- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide (S43)
- Do not use water jets
- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
- Prevent run off water from entering drains if possible
- Wear Breathing Apparatus

#### 6. Accidental Release Measures

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|                           |                                                                                                                           |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Personal Precautions      | Wear protective clothing as per section 8                                                                                 |
| Environmental Precautions | Do not allow to enter public sewers and watercourses Do not flush spilt material into any public water system             |
| 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

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|          |                                                                                                                                                                                     |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Handling | Avoid contact with skin and eyes (S24/25) Do not breathe vapours excessively Keep away from heat and sources of ignition 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

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|                                |                                                                                                                                                                    |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Exposure Limits                | TLV (TWA) 120 mg/m3 (Kerosine, unspecified) TLV (TWA) 275 mg/m3 (Naphtha (petroleum) hydrodesulfurized heavy)                                                      |
| Exposure controls              | The undiluted product must not be used in a confined space without good ventilation 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 Where an air-purifying respirator is suitable, use EN141 or EN405, type A      |



Gloves



Goggles



Suit



No\_Smoking

## 9. Physical and chemical properties

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|                            |                                         |
|----------------------------|-----------------------------------------|
| Odour                      | Smells of hydrocarbon                   |
| Appearance                 | Liquid, pale yellow, insoluble in water |
| pH                         | not applicable                          |
| Boiling point              | 175 °C to 215 °C at 760 mm /Hg          |
| Vapour pressure            | not known                               |
| Vapour density (air = 1)   | >1                                      |
| Melting point              | not known                               |
| Insoluble in water         |                                         |
| Specific gravity (water=1) | 0.86                                    |
| Flash point                | >62 deg C (CC)                          |
| Auto-ignition point        | >200 deg C at 760 mm Hg                 |
| Lower explosive limit      | 0.6 % (in air)                          |
| Upper explosive limit      | 7 % (in air)                            |

## 10. Stability and reactivity

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

## 11. Toxicological information

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|                           |                                                                                                                                                                |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Toxicological information | LD50 (oral) : >2000 mg/kg (Kerosine / naphtha ).                                                                                                               |
| Inhalation                | Inhalation of solvent vapours may give rise to nausea, headaches and dizziness.                                                                                |
| Contact with skin         | Causes redness and irritation Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis.               |
| Contact with eyes         | Causes redness and irritation Ingestion The ingestion of significant quantities may cause damage to lungs Carcinogenicity No evidence of carcinogenic effects. |

## 12. Ecological information

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|                                  |                                                                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ecotoxicity                      | This product contains components which are classified in the EU as dangerous for the environment. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R51/53) LC50 96 hours fish 1-10 mg/l (Kerosine) LC50 96 hours fish 10-100 mg/l (Naphtha) |
| Mobility                         | Insoluble in water                                                                                                                                                                                                                                                                     |
| Persistence and Biodegradability | BOD 28 >60%                                                                                                                                                                                                                                                                            |
| Bioaccumulation Potential        | Hydrocarbon solvents have the potential to bioaccumulate.                                                                                                                                                                                                                              |
| 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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|                         |                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Classification          | EU Waste class: 07.01This material and/or its container must be disposed of as hazardous waste                                                                              |
| 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

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|                      |                      |                                                                              |               |           |
|----------------------|----------------------|------------------------------------------------------------------------------|---------------|-----------|
| Proper Shipping Name |                      |                                                                              |               |           |
| UN                   |                      |                                                                              |               |           |
|                      | Proper Shipping Name | Environmentally hazardous substance, liquid, n.o.s. (Alkyl (C3-C8) Benzenes) |               |           |
|                      | UN NO.               | 3082                                                                         |               |           |
|                      | Hazard Class         | 9                                                                            | Packing Group | III       |
| Road/Rail (ADR/RID)  |                      |                                                                              |               |           |
|                      | Proper Shipping Name | Environmentally hazardous substance, liquid, n.o.s. (Alkyl (C3-C8) Benzenes) |               |           |
|                      | ADR UN No.           | 3082                                                                         |               |           |
|                      | ADR Hazard Class     | 9                                                                            | Termcard      | 90GM6-III |
| Sear (IMDG)          |                      |                                                                              |               |           |

|                                        |                                                                              |                      |     |
|----------------------------------------|------------------------------------------------------------------------------|----------------------|-----|
| Proper Shipping Name                   | Environmentally hazardous substance, liquid, n.o.s. (Alkyl (C3-C8) Benzenes) |                      |     |
| IMDG UN No.                            | 3082                                                                         |                      |     |
| IMDG Hazard Class                      | 9                                                                            | IMDG Pack Group      | III |
| IMDG EmS                               | F-A, S-B                                                                     | IMDG subrisk         | -   |
| IMDG Labels                            | 9+MarinePollutant                                                            |                      |     |
| IMDG Flashpoint                        | >62°C                                                                        |                      |     |
| Air(ICA0/IATA)                         |                                                                              |                      |     |
| ProperShippingName                     | Environmentally hazardous substance, liquid, n.o.s. (Alkyl (C3-C8) Benzenes) |                      |     |
| ICAO UnNo.                             | 3082                                                                         |                      |     |
| ICAO HazardClass.                      | 9                                                                            | ICAO PackingGroup.   | III |
| ICAO subrisk                           | -                                                                            | ICAO Labels          | 9   |
| ICAO Flashpoint                        | >62°C                                                                        |                      |     |
| DOT/CFR(USDepartment ofTransportation) |                                                                              |                      |     |
| DOTProperShippingName:                 | Environmentally hazardous substance, liquid, n.o.s. (Alkyl (C3-C8) Benzenes) |                      |     |
| HazardousMaterial                      | (Alkyl (C3-C8) Benzenes)                                                     |                      |     |
| Hazard Class                           | 9                                                                            | IdentificationNumber |     |
| Product RQ (lbs)                       | Not Established                                                              |                      |     |
| DOTsubrisk:                            | -                                                                            |                      |     |
| DOTLabels                              | 9+Marinepollutant                                                            |                      |     |
| DOTFlashpoint                          |                                                                              |                      |     |

## 15. Regulatory information

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

|                |                                                                                                                                                                                                                                                                                                                  |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Risk Phrases   | Harmful: may cause lung damage if swallowed (R65) Repeated exposure may cause skin dryness or cracking (R66) Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R51/53)                                                                                                 |
| Safety Phrases | Do not breathe spray/mists Avoid contact with skin Wear suitable protective clothing, eye/face protection and gloves Avoid release to the environment. Refer to special instructions/Safety data sheets. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. |

## 16. Other information

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Text of R and S phrase codes used in this safety data sheet:- R51: Toxic to aquatic organisms; R53: May cause long term adverse effects in the aquatic environment; 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

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