

## 1. Product and Company Identification

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Product Name RXSOL-20-1004-025  
Product Type Bitumen Remover Cleaner

### Company Details :

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

Stock Point : Mumbai, Chennai, Kolkata, Visakhapatnam, Gandhidham, Fujairah, Muscat

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## 2. Composition / Information on ingredients

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| COMPONENTS-<br>CHEMICAL NAMES<br>AND COMMON<br>NAMES                       | CAS Number | SARA<br><br>III LIST | Applicable PEL-OSHA | Exposure Limits<br>TLVACGIH | Carcinogen<br><br>Ref. Source ** |
|----------------------------------------------------------------------------|------------|----------------------|---------------------|-----------------------------|----------------------------------|
| (Hazardous Components<br>1% or greater;<br>Carcinogens 0.1% or<br>greater) |            |                      |                     |                             |                                  |
| ETHYLENE GLYCOL                                                            | 111-76-2   | Yes                  | 25                  | 25                          | d                                |
| MONOBUTYL ETHER                                                            |            |                      |                     |                             |                                  |
| MONOCHLOROTOLUENE (MIXED<br>ISOMERS)                                       | 25168-05-2 | No                   | N/E                 | N/E                         | d                                |
| ORTHO ISOMER                                                               | 95-49-8    | No                   | N/E                 | 50                          | d                                |
| PARA ISOMER                                                                | 106-43-4   | No                   | N/E                 | N/E                         | d                                |
| SOLVENT NAPHTHA (PETROLEUM)<br>HEAVY AROMATIC                              | 64742-94-5 | No                   | N/E                 | N/E                         | d                                |

## 3. Hazards Identification

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|                                                      |                                                                                                                                                          |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| PRIMARY ROUTES OF ENTRY:                             | [ ] INHALATION [ ] INGESTION [ X ] SKIN ABSORPTION [ X ] EYE<br>[ ] NOT HAZARDOUS                                                                        |
| ACUTE EFFECTS                                        | Systemic: CNS depression producing headache, dizziness, numbness, loss of consciousness.                                                                 |
| Inhalation:                                          | Irritation of upper respiratory tract. Exposure to high concentrations may cause systemic toxicity. Aspiration into lungs can cause chemical pneumonitis |
| Eye Contact:                                         | Irritation.                                                                                                                                              |
| Skin Contact:                                        | Dermal irritation & dermatitis attributable to defatting of skin.                                                                                        |
| Ingestion:                                           | Irritation of gastrointestinal tract. See also systemic effects above                                                                                    |
| CHRONIC EFFECTS:                                     | Chronic exposure to high concentrations may cause some liver or kidney disfunction                                                                       |
| Medical Conditions Generally Aggravated by Exposure: | Liver or kidney disease. May aggravate pre-existing irritation.                                                                                          |

## 4. First Aid Measures

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|               |                                                                                                                                                         |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye Contact:  | Flush with water for 15 minutes. Get medical attention.                                                                                                 |
| Skin Contact: | Flush skin with water then wash with soap and water. If irritation occurs, get medical attention.                                                       |
| Inhalation:   | Remove to fresh air. If not breathing, administer artificial respiration. Get medical attention.                                                        |
| Ingestion     | DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention. If vomiting occurs, keep head below hips to prevent aspiration. |

## 5. Fire-fighting Measures

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|                                                          |                                                                                                                                 |
|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) | N/A                                                                                                                             |
| Auto Ignition Temperature                                | N/Auto Ignition TemperatureE<br>N/D                                                                                             |
| Flammability Limits in Air by % in Volume:               |                                                                                                                                 |
| % LEL:                                                   | N/D                                                                                                                             |
| % UEL:                                                   | N/D                                                                                                                             |
| FLASH POINT AND METHOD USED (non-aerosols):              | 141°F (TCC)                                                                                                                     |
| SPECIAL FIRE FIGHTING PROCEDURES:                        | Burning product may give off noxious & toxic fumes. Firefighters should wear NIOSH approved self-contained breathing apparatus. |
| EXTINGUISHER MEDIA:                                      | Water fog, foam, dry chemical or CO2. Burning product may float on water.                                                       |
| Unusual Fire & Explosion Hazards:                        | Burning product may float on surface of water and spread fire to other areas.                                                   |

## 6. Accidental Release Measures

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|                           |                                                                                                                                                                                          |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PERSONAL PRECAUTIONS      | Avoid contact with skin and eyes. Provide eyewash bottle with clean water. For personal protection, see section 8.                                                                       |
| ENVIRONMENTAL PRECAUTIONS | Do not allow to enter drains, sewers or watercourses. If substance has entered a water course or sewer or contaminated soil or vegetation, advise the appropriate authorities.           |
| SPILL CLEAN UP METHODS    | Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Contact waste disposal services. |

## 7. Handling and Storage

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|                                                       |                                                                                                                                                                                     |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Steps To Be Taken If Material Is Spilled Or Released: | Do not allow large spills to contaminate sewers, ground or surface waters. Contain spill & soak up in inert absorbent material. Place in leak-proof containers for proper disposal. |
| Waste Disposal Methods:                               | Dispose of in accordance with all local, state and federal regulations                                                                                                              |
| Precautions To Be Taken In Handling & Storage:        | Store in original shipping containers. Keep closed when not in use. Shelf life 1 year. Protect from extreme heat and cold                                                           |
| Other Precautions &/or Special Hazards:               | KEEP OUT OF REACH OF CHILDREN. Read & follow label directions. Do not cut, weld or drill on drums whether full, part full or empty.                                                 |

## 8. Exposure controls and personal protection

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|                                        |                                                                                                                                         |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Respiratory Protection (specify type): | None required under normal conditions of handling and use.                                                                              |
| Protective Gloves:                     | Solvent resistant                                                                                                                       |
| Eye Protection:                        | Chemical goggles.                                                                                                                       |
| Ventilation Requirements:              | Special ventilation not normally needed. If required to maintain concentrations below specified levels use explosion proof ventilation. |
| Other Protective Clothing & Equipment: | Solvent resistant, as needed. Eyewash station and safety shower                                                                         |
| Hygienic Work Practices:               | Do not eat, drink or smoke in work area. Wash hands after handling.                                                                     |

## 9. Physical and chemical properties

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|                                                       |                 |
|-------------------------------------------------------|-----------------|
| Physical Properties                                   | Clear Liquid    |
| Odour                                                 | Hydrocarbon     |
| Boiling Point:                                        | 180°C           |
| Specific Gravity (H <sub>2</sub> O=1):                | 0.85-0.91       |
| Vapor Pressure:                                       | 902 hPa at 20°C |
| Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): | N/D             |
| Vapor Density (Air = 1):                              | >1              |
| Evaporation Rate ( BUAC = 1):                         |                 |