

# Fuel Oil Filter Cleaner (RXSOL-16-1074-025)

MATERIAL SAFETY DATA SHEET • SALALAH CHEMICAL, OMAN

## 1. Product and Company Identification

www.rxmarine.com

|              |                   |
|--------------|-------------------|
| Product Name | RXSOL-16-1074-025 |
| Product Type | Filter Cleaner    |

### Company Details:

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

Stock Point : Mumbai, Kandla, Kolkata, Chennai, Visakhapatnam, Fujairah, Muscat, Canada

|       |                                                          |
|-------|----------------------------------------------------------|
| 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 Nature:

| Ingredients                      | CAS Number        | Proportion | Classification |
|----------------------------------|-------------------|------------|----------------|
| Medium Aliphatic Solvent Naphtha | 64742-88-7        | 5-20%      | Xn: R65        |
| Solvent Naphtha Light Aromatic   | 64742-95-6        | 70-90%     | Xn, N: R65     |
| Fatty Alcohol 5 moles Ethoxylate | Polymer Exemption | 1-10%      | Xi: R41        |

## 3. Hazards Identification

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Colorless liquid, with characteristic odour (petroleum like). Flammable. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 4. First Aid Measures

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|                   |                                                                                                                                                                                |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>INHALATION</b> | Remove immediately the affected person to fresh air. If breathing has stopped, administer artificial respiration. Contact physician or emergency medical facility immediately. |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |                                                                                                                                                                                                             |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SKIN</b>      | Promptly flush the contaminated skin with soap and water. If this chemical penetrates the clothing promptly remove the clothing and wash.                                                                   |
| <b>EYES</b>      | Immediately wash the eyes with large amounts of water, occasionally lifting the lower and upper lids. Get medical attention immediately. Contact lenses should not be worn when working with this chemical. |
| <b>INGESTION</b> | Contact a physician or emergency medical facility immediately. Never give anything to an unconscious person.                                                                                                |

## 5. Fire-fighting Measures

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|                                      |                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EXTINGUISH MEDIA</b>              | Use foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.                                                                                                                                                                                                                                                        |
| <b>FIRE FIGHTING PROCEDURES</b>      | Fire fighters should wear self contained breathing apparatus and full protective clothing. Keep unnecessary personnel away. Isolate hazard area and deny entry. Dike area to prevent run off and contamination of water sources. Persons who have been exposed to contaminated smoke should be immediately examined by a physician and checked for symptoms of poisoning. |
| <b>HAZARDOUS COMBUSTION PRODUCTS</b> | Possible formation of toxic Carbon Monoxide when combustion takes place in lack of oxygen.                                                                                                                                                                                                                                                                                |

## 6. Accidental Release Measures

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|                                  |                                                                                                                                                                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PERSONAL PRECAUTIONS</b>      | Avoid contact with skin and eyes. Do not breathe vapor. Extinguish naked flames. Remove ignition sources. No smoking. Avoid sparks. Evacuate the area of all non-essential personnel. Take precautionary measures against static discharge. |
| <b>ENVIRONMENTAL PRECAUTIONS</b> | Prevent contamination of soil and water. Prevent from spreading or entering into drains, ditches or rivers by using sand or other appropriate barriers.                                                                                     |
| <b>METHODS FOR CLEANING UP</b>   | Absorb liquid with sand, earth or spill control material. Shovel up and place in a labeled, sealable container for subsequent safe disposal. Put leaking containers in a labeled drum. Scrub contaminated surfaces with detergent solution. |
| <b>OTHER INFORMATION</b>         | Risk of explosion. Inform the emergency services if liquid enters surface water drains. Vapors may form an explosive mixture with air.                                                                                                      |

## 7. Handling and Storage

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|                 |                                                                                                                                                                                                                                                                          |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>HANDLING</b> | Avoid prolonged or repeated contact with skin. Do not breathe vapor, spray mists. Extinguish any naked flames. Remove ignition sources. Avoid sparks. Do not smoke. Take precautionary measures against static discharges. Earth all equipment do not empty into drains. |
| <b>STORAGE</b>  | Keep container tightly closed and in a well ventilated place. Keep away from direct sunlight and other sources of ignition. Do not smoke in storage areas.                                                                                                               |

## 8. Exposure controls and personal protection

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### EXPOSURE LIMITS

#### Solvent Naphtha (petroleum), Light Aromatic

As the product contains the following substances it is recommended the following exposure standards

| Material                  | Source  | Type      | ppm    | mg/m3 | Notation |
|---------------------------|---------|-----------|--------|-------|----------|
| Stoddard Solvent          | EU HSPA | TWA (8 h) | 100ppm |       |          |
| 1,2,4 - Trimethyl benzene | ACGIH   | TWA       | 25 ppm |       |          |

#### Medium Aliphatic Solvent Naphtha (petroleum)

| Material                    | Source  | Type      | ppm | mg/m3     | Notation |
|-----------------------------|---------|-----------|-----|-----------|----------|
| Aromatic solvents 160 - 185 | EU HSPA | TWA (8 h) |     | 100 mg/m3 |          |

#### Fatty Alcohol 5 moles Ethoxylate

OSHA: N/R

ACGIH: N/R

### PERSONAL PROTECTION

|                                 |                                                                                                                                                                  |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye and face protection:</b> | Wear safety glasses. Contact lenses should not be worn. Chemical goggles and face shield should be worn where splashing is a possibility.                        |
| <b>Skin protection:</b>         | Wear solvent resistant gloves such as Viton, polyvinyl alcohol or equivalent and solvent resistant boots, safety shower and eyewash station should be available. |
| <b>Respiratory protection:</b>  | Wear self a self contained breathing apparatus or air line respirator, with full face piece is required for vapour concentrations and for spills.                |

## 9. Physical and chemical properties

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|                                        |                                      |
|----------------------------------------|--------------------------------------|
| <b>Appearance:</b>                     | Liquid                               |
| <b>Color:</b>                          | Colorless                            |
| <b>Odor:</b>                           | Characteristic aromatic solvent odor |
| <b>Initial Boiling Point:</b>          | >145oC                               |
| <b>Final Boiling Point:</b>            | 180oC                                |
| <b>Flash Point:</b>                    | 460 C                                |
| <b>Autoignition Temperature:</b>       | >450oC                               |
| <b>Lower Explosion Limit (vol %):</b>  | >0.6 % (v/v)                         |
| <b>Upper Explosion Limit (vol %):</b>  | 60 % (v/v)                           |
| <b>Vapour Pressure:</b>                | 0.2-0.6 kPa at 20oC                  |
| <b>Relative vapor density (air=1):</b> | Not available                        |
| <b>Density (gr/ml):</b>                | 0.85 at 15oC                         |
| <b>Bulk Density (kg/m3):</b>           | Not available                        |
| <b>Viscosity:</b>                      | Not available                        |

## 10. Stability and reactivity

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|                                 |                                                    |
|---------------------------------|----------------------------------------------------|
| <b>STABILITY</b>                | Stable under normal use conditions.                |
| <b>CONDITIONS TO BE AVOIDED</b> | Avoid contact with open flame, sparks and heating. |
| <b>MATERIALS TO BE AVOIDED</b>  | Keep it away far from strong oxidant materials.    |

**HAZARDOUS DECOMPOSITION  
PRODUCTS**

Possible the formation of toxic Carbon monoxide when no proper combustion takes place.

**11. Toxicological information**[www.rxmarine.com](http://www.rxmarine.com)**TOXICOLOGICAL DATA****EXPOSURE LIMITS****Solvent**