



# RXSOL

VARANASI CHEMICAL | RX MARINE INTERNATIONAL

**RXSOL-16-1080-020**

RXSOL ORG - 4 210 KG

## Material Safety Data Sheet (MSDS)

### 1. Product and Company Identification

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

|              |   |                   |
|--------------|---|-------------------|
| Product Name | : | RXSOL ORG - 4     |
| Product Type | : | RXSOL-16-1080-020 |

#### Company Details:

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

|         |   |                                                        |
|---------|---|--------------------------------------------------------|
| Phone   | : | +91 22 65113333 / 5555 / 9999 / 27611360               |
| Fax     | : | +91 22 2781 1318 ::AOH :0091 9821214367                |
| Email   | : | <b>123@rxmarine.com</b>                                |
| Website | : | <a href="http://www.rxmarine.com">www.rxmarine.com</a> |

### 2. Composition / Information on ingredients

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| Chemica Name             | Concentration | CAS Number | EC Number | R Phrases* | Symbols Disodium |
|--------------------------|---------------|------------|-----------|------------|------------------|
| Hydrogenated Mixture     | MIXTURE 20%   | .....      | .....     | .....      | .....            |
| organic mixture          | MIXTURE 38%   | .....      | .....     | .....      | .....            |
| Fatty Alcohol Ethoxylate | Mixture 42 %  | .....      | .....     | .....      | .....            |

Mixture of the substances listed below with no hazardous additions.

Hydrogenated Mixture of C10-C13 organic solvents : Xn,65 Symbol: Xn, N

Fatty Alcohol Ethoxylate 34398-01-1 1 - 5 Xi,36/38 10-25% No Hazardous additionsz

Xn=Harmful, Xi=Irritant, N=Environmentally Harmfull

### 3. Hazards Identification

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|                              |                                                                                                                                                             |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Human Health Hazards R 36/38 | Causes Irritation / Inhalation may cause headache & dizziness . may cause adverse effects to aquatic environment., Keep away from food, children , animal . |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 4. First Aid Measures

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|              |                                                                                                                                                                                              |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INHALATION   | supply fresh air on irritation medical attention require & show this MSDS to physician.                                                                                                      |
| SKIN contact | In case of contact with skin , wash immediately with plenty of water and soap Remove contaminated clothes. On extra irritation use ointment on Doctor advice.                                |
| EYE contact  | Flush with running water on open eyelids for at least 15 minutes, Immediately medical attention require.                                                                                     |
| INGESTION    | seek medical attention , don't try to drink more water / milk because too much water increase the danger of vomiting . ( on vomiting always keep head low to prevent inhalation of airways ) |

#### 5. Fire-fighting Measures

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Suitable Water , fog or mist, alcohol-resistant foam, on small fires dry chemical, carbon dioxide (CO<sub>2</sub>) also can used. Not suitable Alcohol foam / and high pressure of water jet may cause splitting of excess materials.  
Special container close to fire cooled immediately then remove to other place. Precaution for fire-fighters Self contained breathing apparatus or apparatus should attached to air supply.  
NOTE : fired materials vapours are heavier than air and may travel along the ground for to ignition sources , so try to move all sources to safe distance otherwise keep in cooling mode.

#### 6. Accidental Release Measures

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|                          |                                                                                                                                                                                                                    |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ENVIRONMENTAL PRECAUTION | Direct flow into drainage system, surface or ground water is prohibited.                                                                                                                                           |
| CLEANING METHOD          | for preventing the spreading of materials remove spill mechanically or with absorbent materials and dispose of in accordance with section 13. Flush with large amounts of water to clean the area. Ventilate well. |
| Personal                 | During usage of chemical personal should use all normal protective equipment and avoid contact with eye and skin and for use in close environment personnel should use respiratory breathing apparatus.            |

#### 7. Handling and Storage

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Condition to Avoid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Flammable but product is stable under normal condition , take precaution as industrial chemical . |
| Materials to Avoid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Do not subject directly to ALKALINE / Acidic medium.                                              |
| Handling Keep Container Tightly Closed in the original container and keep away from open flames / ignition sources                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                   |
| NOTE : Eyewash facilities require at workplace<br>- The product causes corrosion on skin and mucous membranes<br>GENERALLY PI. Note that In case of discharge of acidic or alkaline products into the sewerage system the pH must be in the range of 6-10 since higher or lower pH values may damage the sewerage system or impair biological dosage treatment plants. So that for maintaining pH we have to add acidic / basic medium neutraliser . For example if pH is less than 6 basic neutraliser is required and if pH is more than 10 acidic nature neutraliser is required. For details of any guideline pl. Visit our technical website <a href="http://www.rxmarine.com">www.rxmarine.com</a><br>• Dilute in water (always use plastic jar and RXSOL should be added to water never add water to RXSOL.) |                                                                                                   |

#### 8. Exposure controls and personal protection

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Personal protection

|                               |                                                                                |
|-------------------------------|--------------------------------------------------------------------------------|
| Respiratory System Protection | Approved respirator must be worn when spraying otherwise normally not required |
| Eye Protection                | if there is possibility to contact wear goggles for eye protection             |
| Hand protection               | wear PVC chemical resistance protective gloves                                 |
| Other Information             | smoking in store / work area is prohibited.                                    |

## 9. Physical and chemical properties

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|               |                                 |
|---------------|---------------------------------|
| APPEARANCE    | Clear liquid                    |
| DENSITY       | g/cm <sup>3</sup> at 15°C: 1.25 |
| pH            | ACIDIC                          |
| FLASH POINT   | NA                              |
| Boiling point | 110 °C                          |
| Ignition temp | N/A                             |
| SOLUBILITY    | Emulsifiable with water         |

## 10. Stability and reactivity

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|                                                                                                  |                                                                                                                                             |
|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Stable under normal condition on access of heat Vapour/gas may form explosive mixtures with air. |                                                                                                                                             |
| Hazardous Decomposition Products                                                                 | No decomposition if stored and used as directed. In FIRE combustion CO, CO <sub>2</sub> , NH <sub>3</sub> , SOX etc hazardous gas produced. |
| NOTE                                                                                             | AVOID CONTACT WITH ALKALINE SUBJECT / high temperature / fire .                                                                             |
| Note                                                                                             | MATERIALS TO AVOID Hydrocarbons and their derivatives may attack certain types of plastic, rubber and paint.                                |

## 11. Toxicological information

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|                  |                                                                                                   |
|------------------|---------------------------------------------------------------------------------------------------|
| Skin Irritation  | Gives irritation may causes dryness. And prolonged contact with skin can cause degreasing effect. |
| Eye Irritat      | Cause severe irritation                                                                           |
| Sensitization    | Sensitizing properties not known                                                                  |
| Chronic Toxicity | Not Identified                                                                                    |
| Carcinogenicity  | Not regulated. ( prolonged inhalation of solvents may cause chronic solvent intoxication.         |

## 12. Ecological information

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RXSOL-16-1080-035 no enviromental problem will create when the product is used correctly . in its intended use the product will not be released into the environment.

### 13. Disposal considerations

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As per guide line of local rules and regulation and before disposal and neutralization pl. refer 07 article..

### 14. Transport information

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Goods classified for road / rail / sea transport : YES with UN-no: : 3082

Proper shipping name: contains Sulfamic

Hazard identification no.: 90 Product identification (UN) no.: 3082

TREMCARD no. CEFIC: 90G01

Marine pollutant: No

Flash point : NA

Labelcolour : White./Black.

### 15. Regulatory information

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|              |                                                                                                                                                                                                                          |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Symbols      | Xn, N                                                                                                                                                                                                                    |
| Contains     | Sulfamic                                                                                                                                                                                                                 |
| R-phrases    | Non Toxic to aquatic organisms                                                                                                                                                                                           |
| R-65 Harmful | May cause lung damage if swallowed                                                                                                                                                                                       |
| S-phrases    | S-23 Do not breathe vapour<br>S-24 Avoid contact with skin<br>S-60 This material and its container must be disposed of as hazardous waste<br>S-61 Avoid spillage to the environment. Ask for special instructions/safety |
| Datasheet    | S-62 If swallowed, do not induce vomiting; seek medical advice immediately<br>S-36/37/39 Wear suitable protective clothing, gloves and eye/face protection.                                                              |
| REFERENCES   | Classified according to European directive on classification of dangerous preparations 90/492/EEC and accordance with EU directive 88/379. .                                                                             |

### 16. Other information

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On the basis of information and experience as well as our present knowledge this guidelines is only safe for handling, use, processing, storage, transport, disposal and discharge; this is not a guarantee or quality of specification. And combination with other products will lost the properties. It is always the responsibility of the user to take all necessary steps to ensure that information given here is read and understood by all who use, handle, dispose of or in any way come in contact with the product.

It is not to be considered as a guarantee of the products properties. Disclaimer: The information in this MSDS is meant as a description of the safety requirements of our product.

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