

# Material Safety Data Sheet

Sulfuric Acid Diluted (RXSOL-16-1104-025)



## 1. Product and Company Identification

Product Name RXSOL-16-1104-025  
Product Type Sulphuric ( Sulfuric ) Acid diluted

### Company Details:

RX MARINE INTERNATIONAL  
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## 2. Composition / information on ingredients

| NAME           | CAS No.   | EINECS Nr | CLASSIFICATION | CONTENT |
|----------------|-----------|-----------|----------------|---------|
| SULPHURIC ACID | 7664-93 9 | 231-639-5 | C R-35         | 5-10 %  |

## 3. Hazards Identification

|              |                                                                                 |
|--------------|---------------------------------------------------------------------------------|
| eye contact  | irritant                                                                        |
| skin contact | irritant                                                                        |
| Inhalation   | Move affected person to fresh air.If recovery not rapid, seek medical attention |

## 4. First Aid Measures

GENERAL IN ALL CASES OF DOUBT OR WHEN SYMPTOMS PERSIST, ALWAYS SEEK MEDICAL ATTENTION

INHALATION Move affected person to fresh air.If recovery not rapid, seek medical attention.

INGESTION DO NOT INDUCE VOMITING. In case of spontaneous vomiting, be sure that vomit can freely drain because of danger of suffocation. Only when conscious, rinse mouth with plenty of water and give plenty of water to drink - (approx 500ml). Keep patient at rest and obtain medical attention.

SKIN Remove contaminated clothing. Wash affected area with plenty of soap and water. If symptoms occur or persist, obtain medical attention.

EYES Keeping eye open, immediately irrigate with water or eye-wash for 15 minutes. Obtain medical attention.

## 5. Fire-fighting Measures

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| EXTINGUISHING MEDIA              | Use extinguishing media appropriate for surrounding fire.                          |
| UNUSUAL FIRE & EXPLOSION HAZARDS | Thermal decomposition may liberate toxic and corrosive vapour - oxides of sulphur. |
| PROTECTIVE MEASURES IN FIRE      | Fire fighters should wear self-contained breathing apparatus.                      |

## 6. Accidental Release Measures

|                                    |                                                                                                                                                                                                                       |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PERSONAL PRECAUTION IN SPILL       | Avoid direct contact with skin, eyes and clothing.                                                                                                                                                                    |
| PRECAUTIONS TO PROTECT ENVIRONMENT | Prevent contamination of soil, drains and surface water.                                                                                                                                                              |
| SPILL CLEANUP METHODS              | Take-up spillage with absorbent, inert material and place in a suitable and closable labelled container for recovery or disposal. Wash the area clean with water and detergent, observing environmental requirements. |

## 7. Handling and Storage

|                     |                                                                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| USAGE PRECAUTIONS   | HANDLING - Product should be used in accordance with good industrial principles for handling and storing of hazardous chemicals. Avoid contact with skin or eyes. |
| STORAGE PRECAUTIONS | Store in a cool, dry, well ventilated place, in securely closed original container. Keep container tightly closed and in cool place.                              |

## 8. Exposure controls and personal protection

|                         |                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| VENTILATION             | Ensure adequate ventilation.                                                                                                |
| PROTECTIVE GLOVES       | Use protective gloves.                                                                                                      |
| EYE PROTECTION          | Use approved safety goggles or face shield.                                                                                 |
| OTHER PROTECTION        | Wear appropriate clothing to prevent any possibility of skin contact.                                                       |
| HYGIENIC WORK PRACTICES | SKIN PROTECTION - apply barrier cream to hands and exposed skin.<br>Promptly remove any clothing that becomes contaminated. |

## 9. Physical and chemical properties

|                                 |                                         |
|---------------------------------|-----------------------------------------|
| APPEARANCE                      | Colourless liquid.                      |
| DENSITY/SPECIFIC GRAVITY (g/ml) | ~ 1.04 - 1.05                           |
| Temperature (°C)                |                                         |
| SOLUBILITY DESCRIPTION          | Miscible with water in all proportions. |

## 10. Stability and reactivity

**STABILITY**

Stable under normal conditions of use.

**MATERIALS TO AVOID**

Reacts vigorously with alkalis and alkali metals.

## 11. Toxicological information

eye contact irritant

skin contact irritant

Inhalation Move affected person to fresh air.If recovery not rapid, seek medical attention

## 12. Ecological information

**ECOLOGICAL  
INFORMATION**

No specific data or information available regarding environmental impact.  
Discharge to aquatic environments should be avoided as it may lead to localised adverse effects. Harmful effect due to pH shift.

## 13. Disposal considerations

**DISPOSAL METHODS**

This material and/or its container must be disposed of as hazardous waste according to Special Waste Regulations 1996 or according to local regulations, in compliance with Duty of Care Regulations and Special Waste Regulations.

**WASTE CLASS**

WASTE CODE: 0705\*\* HAZARDOUS PROPERTY

## 14. Transport information

NA

## 15. Regulatory information

**RISK PHRASES**

Irritating to eyes and skin.

**SAFETY PHRASES**

Keep out of reach of children.

Avoid contact with skin and eyes.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

If swallowed seek medical advice immediately and show this container label.

## 16. Other information

The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the users own assessment of workplace risk as required by other health and safety legislation.

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