

## 1. Product and Company Identification

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Product Name Nitric acid (65 - 70%)  
Part Number RXSOL-19-1106-030

### Company Details:

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

**Branch : Kandla, Sikka, Dahej, Hazira, JNPT, Goa, Mangalore, Cochin, Tuticorin, Chennai, Kakinada, Vizag, Paradip, Kolkata, UAE, Singapore**

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## 2. Composition / Information on ingredients

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Product Name	CAS-No.	Weight %
Nitric acid	7697-37-2	65 - 70
Water	7732-18-5	30 - 35

## 3. Hazards Identification

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Signal Word	Danger.
Hazard statement(s)	May intensify fire; oxidizer May be corrosive to metals Causes severe skin burns and eye damage
Prevention	Prevention Do not breathe dust/fume/gas/mist/vapors/spr Wash face, hands and any exposed skin thoroughly after h Wear protective gloves/protective clothing/eye protection Use only outdoors or in a well-ventilated area Keep away from heat/sparks/open flames/hot surfaces. - Keep/Store away from clothing/ other combustible materi Take any precaution to avoid mixing with combustibles Keep only in original container Wear respiratory protectio
Response	Immediately call a POISON CENTER or doctor/physicia
Inhalation	IF INHALED: Remove victim to fresh air and keep at res Immediately call a POISON CENTER or doctor/physicia
Skin	IF ON SKIN (or hair): Take off immediately all c water/shower Wash contaminated clothing before reuse
Eyes	IF IN EYES: Rinse cautiously with water for several minu easy to do. Continue rinsing
Ingestion	IF SWALLOWED: Rinse mouth. DO NOT induce vomit
Fire	In case of fire: Use CO2, dry chemical, or foam for exting
Spills	Absorb spillage to prevent material damage
Storage	Store locked up Store in a well-ventilated place. Keep container tightly clo Store in corrosive resistant polypropylene container with Store in a dry place

Disposal

Dispose of contents/container to an approved waste disposal facility.  
Hazards not otherwise classified (HNOC)  
Corrosive to the respiratory tract

## 4. First Aid Measures

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General advice

Immediate medical attention is required. Show this SDS to the physician.

Eye Contact

If breathed in, move person into fresh air. If not breathing, call physician.

Skin Contact

Take off contaminated clothing and shoes immediately. Consult a physician.

Inhalation

Rinse thoroughly with plenty of water for at least 15 minutes.

Ingestion

Do NOT induce vomiting. Never give anything by mouth to someone who is unconscious. Consult a physician.

Most important symptoms and effects

The most important known symptoms and effects are listed in section 11.

Notes to Physician

No data available

## 5. Fire-fighting Measures

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Suitable extinguishing media

CO<sub>2</sub>, dry chemical, dry sand, alcohol-resistant foam. No information available.

Flash Point

Not applicable

Method

No information available

Autoignition Temperature

No information available

Explosion Limits

Upper No Data Available

Lower No Data Available

Oxidizing Properties Oxidizer

Sensitivity to Mechanical Impact No information available

Sensitivity to Static Discharge No information available

Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating gases. Irritation of eyes, skin and mucous membranes. Oxidizer: Contact with combustible materials may cause fire. May ignite combustibles (wood, paper, oil, clothing, etc.).

Hazardous Combustion Products

Nitrogen oxides (NO<sub>x</sub>) Thermal decomposition can lead to release of irritating gases.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus (approved or equivalent) and full protective gear. Thermal decomposition can lead to release of irritating gases and vapors.

## 6. Accidental Release Measures

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Personal Precautions

Evacuate personnel to safe areas. Keep people away from spill/leak. Provide adequate ventilation. Use personal protective equipment.

Environmental Precaution

Should not be released into the environment. Do not allow to enter waterways. See Section 12 for additional ecological information.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material. Keep in suitable containers for disposal. Wear self-protective equipment.

## 7. Handling and Storage

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### Handling

Use only under a chemical fume hood. Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Do not breathe vapors or spray mist. Keep away from clothing and other combustible materials.

### Storage

Keep containers tightly closed in a cool, well-ventilated place. Do not store near combustible materials.

## 8. Exposure controls and personal protection

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### Engineering Measures

Use only under a chemical fume hood. Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation, especially in confined areas.

### Personal Protective Equipment

**Eye/face Protection** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Tightly fitting safety goggles. Face-shield.

### Skin and body protection

Long sleeved clothing.

### Respiratory Protection

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

### Hygiene Measures

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Keep away from food, drink and animal feeding stuffs. When using, do not eat, drink or smoke. Contaminated work clothing should not be allowed out of the workplace. Provide regular cleaning of equipment, work area and clothing. Avoid contact with skin, eyes and clothing. For environmental protection remove and wash all contaminated protective equipment before re-use. Wear suitable gloves and eye/face protection.



## Gloves Suit

## 9. Physical and chemical properties

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### Physical State

Liquid

### Appearance

Clear Colorless, Light yellow

### Odour

Strong Acrid

### Odor Threshold

No information available

### pH

< 1.0 (0.1M)

### Melting Point/Range

-41 °C / -41.8 °F

### Boiling Point/Range

Not applicable

### Flash Point

Not applicable