

1. Product and Company Identification

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Product Name RXSOL-12-1008-025
Product Type General Acid Cleaner

Company Details:

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

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

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2. Composition / Information on ingredients

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Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Chlorous Acid	20-40	7647-01-0	231-595-7	34, 37	C
Corrosion Inhibitor	5-10	NA	NA	NA	
Phosphoric acid	32%	7664-38-2	231-633-2	34	C
Oxalo compound Mixture	6-8%	-----	-----	---	
Acetic Acid	5-6%	64-19-7	200-580-7	36-38	C

*See Section 16

3. Hazards Identification

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Corrosive

Odour Strong smell of hydrogen chloride
Appearance Liquid, pale yellow, soluble in water
Contact with eyes Can cause damage to the eyes
Contact with skin Prolonged skin or eye contact may cause chemical burns
Inhalation Causes severe irritation, May cause breathing difficulty
Ingestion Not regarded as a potential route of exposure., Causes burning sensation

4. First Aid Measures

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Contact with skin Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water When in doubt or symptoms persist, seek medical attention. Contaminated clothing should

Contact with eyes

be laundered before reuse

If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes. Irrigate eyes thoroughly whilst lifting eyelids Seek immediate medical attention. Continue flushing with water until medical help arrives.

Ingestion

Never make an unconscious person vomit or drink fluids Give plenty of water to drink Do not induce vomiting Seek immediate medical attention

Inhalation

Remove patient to fresh air Keep warm and at rest, in a half upright position. Loosen clothing. When in doubt or symptoms persist, seek medical attention.

General

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45).

5. Fire-fighting Measures

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- Non combustible.
- Smoke from fires is corrosive, Hydrogen chloride may be formed.
- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions.
- Substance evolves toxic fumes, wear self-contained breathing apparatus.
- Use water spray or fog to knock down and absorb corrosive fumes.

6. Accidental Release Measures

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Personal Precautions

Wear protective clothing as per section 8 Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback.

Environmental Precautions

Do not allow to enter public sewers and watercourses.

Immediate Actions

Use appropriate containment to avoid environmental contamination (S57).

Clean Up Actions

Absorb spillage in inert material and shovel up Ventilate the area and wash spill site after material pick-up is complete.

Special Precautions

Wear protective clothing as per section 8 Avoid release to the environment. Refer to special instructions/Safety data sheets (S61) Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback.

7. Handling and Storage

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Handling

Avoid contact with skin and eyes (S24/25). Do not breathe vapour/fumes (S23). Eyewash bottles should be available. Wear protective clothing as per section 8. Ensure adequate ventilation. In use, may form flammable/explosive vapour-air mixture (R18).

Storage

Keep only in the original container in a cool, well ventilated place (S3/9/49). Keep in acid store.

8. Exposure controls and personal protection

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Exposure Limits

TLV (TWA) 20 ppm, 122 mg/m³ (1,2-Dichlorobenzene).

Exposure controls

The undiluted product must not be used in a confined space without good ventilation.

Occupational exposure controls

Wear approved respirator if exposure likely to exceed MEL/OES Wear goggles giving complete eye protection Wear suitable protective clothing, including eye/face protection and gloves (neoprene or nitrile are recommended).





Gloves Suit Visor

9. Physical and chemical properties

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Odour

Strong smell of hydrogen chloride

Appearance

Liquid, pale yellow, Soluble in water

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