### 1. Product and Company Identifaction

www.rxmarine.com

Product Name RXSOL-11-1008-025
Product Type DESCALING LIQUID 25 Ltr

Revised Dat 30-04-2019

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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 Email
 mail@rxmarine.com

 Website
 www.rxmarine.com

## 2. Composition / Information on ingredients

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

<sup>\*</sup>See Section 16

#### 3. Hazards Identification

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Corrosive

Inhalation

Ingestion

OdourStrong smell of hydrogen chlorideAppearanceLiquid, pale yellow, soluble in waterContact with eyesCan cause damage to the eyesContact with skinProlonged skin or eye contact may cause chemical burns

Causes severe irritation, May cause breathing difficulty

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 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 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.

Contact with eyes

Inhalation

- 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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**Environmental Precautions** 

Immediate Actions

Personal Precautions

Clean Up Actions

Special 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.

Do not allow to enter public sewers and watercourses.

Use appropriate containment to avoid environmental contamination (S57). Absorb spillage in inert material and shovel up Ventilate the area and wash

spill site after material pick-up is complete.

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 (\$24/25).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

(\$3/9/49). Keep in acid store.

## 8. Exposure controls and personal protection

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Exposure Limits
Exposure controls

Occupational exposure controls

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

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

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 Appearance PH Strong smell of hydrogen chloride Liquid, pale yellow, Soluble in water