

## 1. Product and Company Identification

www.rxmarine.com

Product Name Safe Acid Descalex Liquid 25 Ltr  
Product Type DESCALING LIQUID 25 Ltr

### Company Details:

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

**Stock Point : Fujairah, Muscat, Mumbai, Gandhidham, Surat, Nairobi Kenya, Kolkata, Chennai, Vizag**

Phone +91 22 65113333+91 22 65113333 / 5555 / 9999  
Fax +91 22 2781 1318+91 22 2781 1318 :::AOH :0091 98212143670091 9821214367  
Email [mail@rxmarine.com](mailto:mail@rxmarine.com)  
Website [www.rxmarine.com](http://www.rxmarine.com)

## 2. Composition / Information on ingredients

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Chemical Name	Concentration	CAS Number	EC Number	R Phrases*
Mixture of Proprietary Acid	20-40	.....	.....	34, 37
Corrosion Inhibitor	5-10	NA	NA	NA

Phosphorous admixture 30-32%

Oxalo compound 6-8%

Citric Acid 5-7%

\*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. If doubt or symptoms persist, seek medical attention. Contaminated clothing should be laundered before reuse
Contact with eyes	If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes. Irrigate eyes thoroughly. 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 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 Sheet 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 in the work area. 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/m <sup>3</sup> (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 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
PH	