

## 1. Product and Company Identification

www.rxmarine.com

Product Name RXSOL-11-1008-002  
Product Type ScaleX Pro Descaling Liquid

### 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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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*	Symbols
Chlorous Acid	30-40	7647-01-0	231-595-7	34, 37	C
Corrosion Inhibitor	5-10	-	-	-	-
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
Proprietary Blend of Surfactants	3-5%	-	-	-	-
Proprietary Blend of Defoamers	0.5-1%	-	-	-	-

\*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 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 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/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 suitable protective clothing, including eye/face protection and gloves (neoprene or nitrile are recommended).



Gloves Suit Visor

## 9. Physical and chemical properties

[www.rxmarine.com](http://www.rxmarine.com)

Odour

Strong smell of hydrogen chloride

Appearance

Liquid, pale yellow, Soluble in water

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