

## 1. Product and Company Identification

www.rxmarine.com

Product Name **DE-SCALER / DE-LIMER**  
Product Type **RXSOL-41-8677-025**

### Company Details:

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

Phone +91 22 65113333/ 5555 / 9999 / 27611360 / 27815540  
Fax +91 22 2781 1318 /9322594669  
Email [mail@rxmarine.com](mailto:mail@rxmarine.com)

## 2. Composition / Information on ingredients

www.rxmarine.com

HAZARDOUS COMPONENTS	CAS#	OSHA / PEL	ACGIH / TLV	OTHER /
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NONYLPHENOL ETHOXYLATE

HYDROXYACETIC ACID		79-14-1		
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PHOSPHORIC ACID		7664-38-2	1mg/m <sup>3</sup>	1mg/m <sup>3</sup>
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NOTE: AN '\*' UNDER 'SK' (SKIN) INDICATES THAT OSHA REQUIRES SKIN PROTECTION TO PREVENT OR REDUCE EXPOSURE TO THIS INGREDIENT

## 3. Hazards Identification

www.rxmarine.com

Health Hazards (Acute and Chronic): NONE KNOWN

Routes of Entry, Signs of Exposure, and Symptoms of Exposure:

**SKIN and EYES:** Severe irritant to eyes.

**INHALATION:** Irritation and difficulty in breathing

**INGESTION:** Gastric pain and vomiting.

Medical Conditions Generally Aggravated by Exposure: Unknown

Carcinogenic: NONE

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## Emergency and First Aid Procedures:

**SKIN & EYE CONTACT:** Rinse skin with clear water. For eye contact immediately flush with clear running water for 15 minutes.

Get medical attention.

**INHALATION:** Remove to fresh air. If breathing does not return to normal, get medical attention.

**INGESTION:** Immediately drink large quantities of water. Get medical attention. MAY BE TOXIC OR FATAL IF SWALLOWED

## 4. First Aid Measures

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

## 5. Fire-fighting Measures

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

Flash Point (Method Used):NONE Flammable Limits:LEL: N/A UEL: N/A

Extinguishing Media: N/A.

Special Fire Fighting Procedures: Do not enter confined fire space without proper protective equipment including a NIOSH approved self contained breathing apparatus.

Explosion Hazards: NONE

## 6. Accidental Release Measures

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

## 7. Handling and Storage

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

**SPILLS:** Dilute with water and flush to sanitary sewer.

**Handling and Storing:** Keep container closed when not in use. Do not freeze. Follow label instructions.

**Other Precautions:** Keep this and all chemicals out of the reach of children.

## 8. Exposure controls and personal protection

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

**Respiratory Protection (Specify Type):** For exposure above established limits (see section II) use NIOSH/MSMA approved dust/mist mask.

**Ventilation:** Mechanical: Recommended.

**Protective Gloves:** Rubber or neoprene.

**Eye Protection:** Chemical goggles with side shields.

Other Protective Clothing or Equipment: Drenching safety shower and eye wash station.

## 9. Physical and chemical properties

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

Boiling Point:	ND	Appearance and odor:	Blue liquid with bland odor
Vapor Pressure (mm Hg):	ND	Specific Gravity (H2O=1):	1.12

Vapor Density (Air=1):	ND	Melting Point:	NA
Solubility in Water:	COMPLETE	Evaporation Rate:(Butyl Acetate=1)	ND

## 10. Stability and reactivity

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

### Stability: Stable

Incompatibility (Materials to Avoid): Oxidizers or strong acids.

Hazardous Decomposition or Byproducts: Heat, carbon dioxide, and carbon monoxide.

Hazardous Polymerization: Will not occur.

## 11. Toxicological information

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

### Toxicity Data:

Mineral Spirits 64742-48-9

Oral ( LD 50): >6 mg/kg - Rat

Inhalation ( LC 50): 8500 mg/m<sup>3</sup>/4H - Rat

Skin irritation: Moderate

Eye irritation: Moderate - Rabbit

Sensitization: Not considered an occupational sensitizer

## 12. Ecological information

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

On the basis of available information, this material is not expected to produce any significant environmental effects when recommended use instructions are followed.

## 13. Disposal considerations

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

Dispose of in accordance with local regulations.

## 14. Transport information

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

Domestic: NA1993 Combustible liquids, n.o.s., (Mineral Spirits), III

International: UN1268 Petroleum distillates, n.o.s., 3, III

Ship in accordance with 49 CFR parts 100-185.

## 15. Regulatory information

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

COMPONENT/ (CAS/PERCENT)/ CODES

\*Mineral Spirits (64742489