

1. Product and Company Identification

www.rxmarine.com

Product Name RXSOL-67-1410-025

Product Type Oxalic Acid Liquid

Company Details:

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

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

Phone +91 22 27815541 / 42

Fax +91 22 2781 1318 ::::AOH :0091 9821214367

Email mail@rxmarine.com

2. Composition / Information on ingredients

www.rxmarine.com

Chemical Name	CAS Number	Proportion	R Phrases*
Oxalic Acid	144-62-7	45-60%	R21/22 R41

Non Hazardous Ingredient - 40-65%

*See Section 16

3. Hazards Identification

www.rxmarine.com

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Risk Phrases Harmful in contact with skin and if swallowed. Risk of serious damage to eyes.

Safety Phrases Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection.

4. First Aid Measures

www.rxmarine.com

Inhalation Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact If skin or hair contact occurs, immediately remove any contaminated clothing and wash skin and hair thoroughly with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye Contact Immediately wash in and around the eye area with large amounts of water for at least 15 minutes. Eyelids to be held apart. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.

Ingestion Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek immediate medical assistance.

Medical attention and special treatment: Treat symptomatically. Can cause corneal burns.

5. Fire-fighting Measures

www.rxmarine.com

Non-combustible material.

Precautions for fire fighters and special protective equipment: Decomposes on heating emitting toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition. Keep containers cool with water spray.

Suitable Extinguishing Media: Not combustible, however, if material is involved in a fire use: Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

6. Accidental Release Measures

www.rxmarine.com

Emergency procedures: Clear area of all unprotected personnel. If contamination of sewers or waterways has occurred advise local emergency services.

Methods and materials for containment and clean up: Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in dust. Sweep up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal.

7. Handling and Storage

www.rxmarine.com

This material is a Scheduled Poison S6 and must be stored, maintained and used in accordance with the relevant regulations.

Handling

Avoid skin and eye contact and breathing in dust. Avoid handling which leads to dust formation.

Storage

Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for spills.

8. Exposure controls and personal protection

www.rxmarine.com

Oxalic acid

8hr TWA = 1 mg/m³, 15 min STEL = 2 mg/m³

Product Name

OXALIC ACID LIQUID.

Substance No

000030127001 Version: 2

TWA

The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit)

The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight hour work day.

According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers. These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering controls

Use with local exhaust ventilation or while wearing dust mask. Keep containers closed when not in use. Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards.

Personal Protective Equipment

The selection of PPE is dependant on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors. Orica Personal Protection Guide No. 1, 1998: F - OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES, DUST MASK. Wear overalls, chemical goggles and impervious gloves. Avoid generating and inhaling dusts. If dust exists, wear dust mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated

9. Physical and chemical properties

www.rxmarine.com

Physical state	Liquid
Colour	Clear
Odour	Odourless
Solubility	Soluble in water , glycerol and alcohol. Partially soluble in ether. Insoluble in chloroform, petroleum ether and benzene
Vapour Density (air=1)	Not available
Vapour Pressure (20 °C)	