

1. Product and Company Identification

www.rxmarine.com

Product Name Lactic Acid
Part Number RXSOL-19-1344-200

Company Details:

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

Branch : Kandla, Sikka, Dahej, Hazira, JNPT, Goa, Mangalore, Cochin, Tuticorin, Chennai, Kakinada, Vizag, Paradip, Kolkata, UAE, Singapore

Phone +91 22 27815540 / 41 / 42
Fax +91 22 2781 1318 :::AOH :0091 9821214367
Email 123@rxmarine.com
Website www.rxmarine.com

2. Composition / Information on ingredients

www.rxmarine.com

Product Name	CAS-No.	Weight %
Lactic acid	50-21-5	85 %

3. Hazards Identification

www.rxmarine.com

Signal Word	Danger
Hazard Statements	Causes skin irritation Causes serious eye damage.
Precautionary Statements Prevention	Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection Keep only in original container.
Skin	Wash with plenty of soap and water If skin irritation occurs: Get medical advice/attention Take off contaminated clothing and wash before reuse.
Eyes	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a POISON CENTER or doctor/physician.
Storage	Store in corrosive resistant polypropylene container with a resistant liner.
Hazards not otherwise classified (HNOC)	None identified.

4. First Aid Measures

www.rxmarine.com

General Advice	Advice If symptoms persist, call a physician.
Eye Contact	Rinse immediately with plenty of water, also under attention.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes.
Inhalation	Move to fresh air. If breathing is difficult, give oxygen.
Ingestion	Clean mouth with water and drink afterwards plenty of water.
Most important symptoms and effects	Causes severe eye damage.

5. Fire-fighting Measures

www.rxmarine.com

Suitable Extinguishing Media

Unsuitable Extinguishing

Flash Point

Method

Autoignition Temperature

Explosion Limits

Media Use water spray, alcohol-resistant foam, dry

Media No information available

110 °C / 230 °F

No information available

Keep product and empty container away from heat

Upper No data available

Lower No data available

Sensitivity to Mechanical Impact No information available

Sensitivity to Static Discharge No information available

Keep product and empty container away from heat

(CO) Carbon dioxide (CO₂)

As in any fire, wear self-contained breathing apparatus (equivalent) and full protective gear.

Specific Hazards Arising from the Chemical

Hazardous Combustion Products Carbon monoxide

Protective Equipment and Precautions for Firefighters

6. Accidental Release Measures

www.rxmarine.com

Personal precautions, protective equipment and emergency procedures

Environmental precautions

Methods and materials for containment and cleaning up

Ensure adequate ventilation. Use personal protective equipment.

Should not be released into the environment. See section 6.2.

Keep in suitable, closed containers for disposal. See section 6.2.

7. Handling and Storage

www.rxmarine.com

Handling

Ensure adequate ventilation. Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Avoid ingestion and inhalation.

Storage

Keep containers tightly closed in a dry, cool and well-ventilated place.

8. Exposure controls and personal protection

www.rxmarine.com

Exposure Guidelines

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering Measures

Use only under a chemical fume hood. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal Protective Equipment

Eye/face Protection Tightly fitting safety goggles. Face-shield.

Skin and body protection

Long sleeved clothing.

Respiratory Protection

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.



Gloves Suit

9. Physical and chemical properties

www.rxmarine.com

Physical State	Very viscous Liquid
Appearance Colorless	No information available
Odour	Pungent
Odor Threshold	No information available
pH	2,8
Melting Point/Range	18 °C / 64.4 °F
Initial boiling point and boiling range	122 °C / 251.6 °F @ 15 mmHg
Flash point	110 °C / 230 °F
Evapouration rate	Not applicable
Flammability (solid, gas)	No information available
Explosive limits	Upper No data available Lower No data available
Vapour pressure	