

L(+)-Lactic Acid, 88% USP

INCI: Lactic Acid

1. Chemical Product and Company Identification

Product Name: L(+)-Lactic Acid, 88% USP
INCI Name: Lactic Acid
CASRN: 50-21-5, 79-33-4

Emergency Numbers: Chemtrec 800-424-9300

2. Composition/Information on Ingredients

Component & CAS Number	OSHA Hazard Category
Lactic Acid #50-21-5	No specific hazards are encountered under normal use.

3. Physical and Chemical Properties

Appearance: Clear, water-white syrupy liquid
Odor: None
Solubility in Water: Soluble
pH: <2
Specific Gravity: 1.17 at 20 deg. C
Boiling Point: 230°F (40% Solution)
Flash Point: N/A

4. Fire and Explosion Hazard

Extinguishing Media Water fog, foam, carbon dioxide, dry chemical, halon 1211.
Risks Arising from Combustion It may emit noxious fumes.
Protective Equipment Self-contained breathing apparatus.

5. Reactivity Data

Conditions to avoid: Stable under normal conditions
Materials to avoid: Avoid temperature above 200°C
Hazardous decomposition products: May lead to the release of irritation gases and vapors.

6. Health Hazard Assessment

Acute Toxicity: N/A
Skin Contact: May cause irritation with redness.
Eye Contact: May cause irritation with redness, pain and tearing
Inhalation: May cause irritation.
Ingestion: May cause irritation.

6. Health Hazard Assessment con't

FIRST AID PROCEDURES

Skin Contact: Wash plenty of water. Remove contaminated clothing.
Eye Contact: Immediately flush eyes with copious amounts of water for 10 min., keeping eyelids raised.
Inhalation: Remove victim to fresh air.
Ingestion: Seek medical advice, do not induce vomiting.

7. Spill or Leak Procedures

Personal Precautions: Use gloves and goggles.
Environmental precautions: Biodegradable product.
Methods for Cleaning: Flush spills with copious amounts of water.

8. Special Protection Information

Engineering Measures: Give adequate ventilation to the premises where the product is stored and/or handled.
Personal Protection Equipment: Not needed for normal use.
Control Parameters: Not needed for normal use.
Eye Protection: Goggles
Hand Protection: Gloves
Hygiene Measures: Use good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

9. Handling and Storage

Handling: Keep containers securely closed to avoid accidental spillage.
Storage: Keep containers closed in order to maintain the performance of the product, store at room temperature.
Disposal: If possible recover the product, otherwise dispose of in an authorized landfill or incinerate in accordance with local regulations.

Use according to criteria of good industrial practice, avoid dispersion in the environment.
This product is not considered dangerous.

10. Other Information

HEALTH - 1 FLAMMABILITY - 0 REACTIVITY - 0

DOT: NOT REGULATED NON-HAZARDOUS MATERIAL.

Disclaimer:

This document is generated for the purpose of distributing health, safety, and environmental data. It is not a specification sheet nor should any displayed data be construed as a specification. The information on this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use or disposal of this product. If the product is used as a component in another product, this MSDS information may not be applicable.
