


Section 1: Identification

Common Name/Trade Name	LACTIC ACID (L) USP	
Supplier Information	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	IN CASE OF EMERGENCY: Chemtrec 1 (800) 424-9300 (24 hours)
Product Synonym(s)	Lactic Acid	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Skin irritation (Category 2), Serious eye damage (Category 1)	
Signal Word	Danger	
Hazard Statement(s)	H315 H318	Causes skin irritation Causes serious eye damage
Pictogram(s)		
Precautionary Statement(s)	P302+P352 P305+P351+P338	IF ON SKIN Wash with soap and water. IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing.
Hazards Not Otherwise Classified	Not Applicable	
Ingredient(s) with Unknown Toxicity	Not Applicable	

Section 3: Composition/Information on Ingredients

Chemical Name	N/A		
Common Name	Lactic Acid		
CAS Number	50-21-5, 79-33-4		
Material		Percent	CAS
Water		8-12%	
Impurities and/or Stabilizing Additives	No data available		

Section 4: First Aid Measures

General Advice	No data available.
If Inhaled	Remove victim to fresh air.
In Case of Skin Contact	Wash with plenty of water. Remove contaminated clothing.
In Case of Eye Contact	Rinse immediately with water for at least 10 min, keeping eyelids raised.
If Swallowed	Seek medical advice, do not induce vomiting,
Most Important Symptoms and Effects	No Information Available. Notes to Physician: Treat Symptomatically.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water fog, foam, carbon dioxide, or dry chemical.
Special Hazards Arising From the Substance/Mixture	It may emit noxious fumes.
Special PPE and/or Precautions for Firefighters	Use protection for respiratory tract.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Use gloves and goggles
Methods and Materials Used for Containment	Refer to protective measures listed in Section 7 and 8.
Cleanup Procedures	Flush spills with copious amount of water.

Section 7: Handling and Storage

Precautions for Safe Handling	Keep containers securely closed to avoid accidental spillage.
Conditions for Safe Storage	Keep containers closed in order to maintain the performance of the product, store at room temperature. Avoid temperature above 200°F/93°C.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.
Appropriate Engineering Controls	Showers Eyewash Stations Ventilation Systems Use good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.
PPE - Eye/Face Protection	Goggles
PPE - Skin Protection	Gloves
PPE - Body Protection	Gown
PPE - Respiratory Protection	Approved respiratory equipment

Section 9: Physical and Chemical Properties

Appearance	Clear, water-white syrupy liquid.
Upper/Lower Flammability or Explosive Limits	No data available
Odor	None
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	<2
Relative Density	No data available
Melting Point/Freezing Point	N/A
Solubility	Water: Soluble
Initial Boiling Point and Boiling Range	230°F (40% Solution)
Flash Point	N/A
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Partition Coefficient	No data available
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	N/A
Chemical Stability	Stable under normal conditions.
Possibility of Hazardous Reactions	Will not occur. Hazardous Polymerization will not occur.
Conditions to Avoid	Stable under normal conditions.
Incompatible Materials	None known. Strong oxidizing agents.
Hazardous Decomposition Products	May lead to the release of irritation gases and vapors.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	No data available. May cause irritation.
Acute Toxicity - Inhalation	No data available. May cause irritation.
Acute Toxicity - Dermal	No data available. May cause irritation with redness.
Acute Toxicity - Eye	May cause irritation with redness, pain and tearing.
Skin Corrosion/Irritation	May cause irritation.
Serious Eye Damage/Irritation	May cause irritation with redness, pain and tearing.
Respiratory or Skin Sensitization	N/A
Germ Cell Mutagenicity	N/A
Carcinogenicity IARC	N/A
Carcinogenicity ACGIH	N/A
Carcinogenicity NTP	N/A
Carcinogenicity OSHA	N/A
Reproductive Toxicity	N/A
Specific Target Organ Toxicity - Single Exposure	N/A
Specific Target Organ Toxicity - Repeated Exposure	N/A
Aspiration Hazard	No data available

Section 12: Ecological Information

Toxicity	N/A
Persistence and Degradability	N/A
Bio-accumulative Potential	N/A
Mobility in Soil	No data available
Other Adverse Effects	N/A

Section 13: Disposal Considerations

Waste Treatment Methods Product	If possible recover the product, otherwise dispose of in authorized landfill or incinerate in accordance with local regulations.
Waste Treatment Methods Packaging	Dispose properly.
Special Precautions Landfill or Incinerations	No data available
Other Information	No data available

Section 14: Transport Information

UN Number	3265
UN Proper Shipping Name	Corrosive liquid, acidic, organic, n.o.s. (Lactic Acid)
Transport Hazard Class(es)	8
Packaging Group	III
Environmental Hazards	No data available

Section 15: Regulatory Information

International Inventories TSCA: DSL: Not subject to TSCA. All components are listed either on the DSL or NDSL. TSCA - United States Toxic Substances Control Act Section 8(b) Inventory. DSL / N - Canadian Domestic Substances List / Non-Domestic Substances List. U.S. Federal Regulations SARA 313 Not subject to SARA. SARA 311/312 Hazard Category Acute Health Hazard: Chronic Health Hazard: Fire Hazard: Sudden Release of Pressure Hazard: Reactive Hazard: No No No No No

Section 16: Other Information

Additional Information	HMIS Health Hazard: 1 Flammability: 0 Physical Hazard: 0
Prepared By	Lisa Russell
Revision Date	01/11/2019 12:32

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