Letco MED LET US HELP.

Section 1: Identification

Common Name/Trade Name	LYSINE HYDROCHLORIDE 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)** NSW Poisons Information Centre: 131 126 (24 hours)
Distributor Name	Bella Corp Trading Pty Ltd 6/34 Dominions Road, Ashmore QLD 4214, Australia Telephone: 07 5597 4169 Email: bellacorp@bellacorp.com.au	
Product Synonym(s)	L-Lysine HCl	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Not a hazardous substance or mixture.
Signal Word	None
Hazard Statement(s)	N/A
Pictogram(s)	N/A
Precautionary Statement(s)	N/A
Hazards Not Otherwise Classified	No data available
Ingredient(s) with Unknown Toxicity	No data available

Section 3: Composition/Information on Ingredients

Chemical Name	Lysine-hydrochloride
Common Name	Lysine Hydrochloride
CAS Number	657-27-2
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	No special precautions necessary.
If Inhaled	Keep patient calm, remove to fresh air.
In Case of Skin Contact	Wash thoroughly with soap and water.
In Case of Eye Contact	Wash affected eyes for at least 15 minutes under running water with eyelids held open.
If Swallowed	Rinse mouth and then drink plenty of water.
Most Important Symptoms and Effects	No data available.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Suitable extinguishing media: water, carbon dioxide, foam, dry extinguishing media
Special Hazards Arising From the Substance/Mixture	hydrogen chloride, nitrous gases. The substances/groups of substances mentioned can be released in case of fire.
Special PPE and/or Precautions for Firefighters	Wear a self-contained breathing apparatus. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Avoid dust formation.
Methods and Materials Used for Containment	Do not empty into drains.
Cleanup Procedures	For small amounts: Sweep/shovel up. For large amounts: Sweep/shovel up.

Section 7: Handling and Storage

Precautions for Safe Handling	Handle in accordance with good industrial hygiene and safety practice. Protection against fire and explosion: Take precautionary measures against static discharges. Avoid dust formation. The product is capable of dust explosion.
Conditions for Safe Storage	Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	None
Appropriate Engineering Controls	General industrial hygiene practice. Handle in accordance with good industrial hygiene and safety practice.
PPE - Eye/Face Protection	Safety glasses with side shields (frame goggles) (EN 166)
PPE - Skin Protection	Chemical-resistant protective gloves (EN 374). Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other manufacturers' directions for use should be observed because of great diversity of types.
PPE - Body Protection	Chemical-resistant protective gloves (EN 374). Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other manufacturers' directions for use should be observed because of great diversity of types.
PPE - Respiratory Protection	Breathing protection if breathable aerosols/dust are formed. Particle filter EN 143 Type P1, low efficiency, (solid particles of inert substances).

Section 9: Physical and Chemical Properties

Appearance	Form: Granular Color: white
Upper/Lower Flammability or Explosive Limits	No data available
Odor	Odorless
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	approx. 5,0 - 6,0 (100 g/l)
Relative Density	Bulk density: approx. 650 - 700 kg/m^3
Melting Point/Freezing Point	263 - 264°C
Solubility	Water solubility approx. 600 g/l (approx. 20°C)
Initial Boiling Point and Boiling Range	No data available
Flash Point	No data available
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	No data available
Chemical Stability	No data available.
Possibility of Hazardous Reactions	Dust explosion hazard. No hazardous decomposition products if stored and handled as prescribed/indicated.
Conditions to Avoid	No data available
Incompatible Materials	No data available.
Hazardous Decomposition Products	Thermal decomposition: >225°C. No hazardous decomposition products if stored and handled as prescribed/indicated.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50/oral/rat: 10.130 mg/kg
Acute Toxicity - Inhalation	No data available
Acute Toxicity - Dermal	No data available
Acute Toxicity - Eye	No data available
Skin Corrosion/Irritation	Primary skin irritation/rabbit: Non-irritant. Primary irritations of the mucous membrane/rabbit: non-irritant.
Serious Eye Damage/Irritation	No data available
Respiratory or Skin Sensitization	No data available
Germ Cell Mutagenicity	No data available
Carcinogenicity IARC	No data available
Carcinogenicity ACGIH	No data available
Carcinogenicity NTP	No data available
Carcinogenicity OSHA	No data available
Reproductive Toxicity	No data available
Specific Target Organ Toxicity - Single Exposure	No data available
Specific Target Organ Toxicity - Repeated Exposure	No data available
Aspiration Hazard	No data available

Section 12: Ecological Information

Toxicity	No data available.
Persistence and Degradability	No data available.
Bio-accumulative Potential	Accumulation in organisms is not to be expected.
Mobility in Soil	No data available.
Other Adverse Effects	Other ecotoxicological advice: At the present state of knowledge, no negative ecological effects are expected.

Section 13: Disposal Considerations

Waste Treatment Methods Product	Observe national and local legal requirements.
Waste Treatment Methods Packaging	Observe national and local legal requirements.
Special Precautions Landfill or Incinerations	No data available
Other Information	No data available

Section 14: Transport Information

UN Number	Not dangerous goods.
UN Proper Shipping Name	N/A
Transport Hazard Class(es)	N/A
Packaging Group	N/A
Environmental Hazards	N/A

Section 15: Regulatory Information

Regulations of the European union (Labeling) / National legislation/Regulations EG-Number: 211-519-9 Not subject to labeling

Section 16: Other Information

Additional Information	N/A
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