GREEN VALLEY LABORATORY

Safety Data Sheet

Product Name: L-Lysine Monohydrochloride

Supplier	Green Valley Laboratory
Address	435 Hartford Pike, Killingly, CT 06241, USA
Contact	Help@dauphineorganics.com
Phone	n/a
Emergency Contact	CHEMTREC Emergency Call Center +1 800-424-9300 (US & Canada) — +1 703-527-3887 (Europe)

SECTION 1 – Identification

Product identifier: L-Lysine Monohydrochloride

Chemical Name Synonym CAS# Conc.

Chemical Name/Synonyms: 6-Diaminohexanoic acidmonohydrochloride

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SECTION 2 – Hazard Identification

See https://www.sigmaaldrich.com/safety-center/globally-harmonized.html for a list of hazard classifications, signal words, hazard statements, pictograms, precautionary statements, and a description of hazards.
Hazard Classification: N/A
Signal Word(s): N/A
Hazard Statements: N/A
Pictograms: N/A
Precautionary Statements: N/A
Description of other hazards: N/A

SECTION 3 – Composition / Information on Ingredients

Chemical Name Synonym CAS# Conc.
L-Lysine HCL 6-Diaminohexanoic
acidmonohydrochloride
657-27-2 100%

SECTION 4 – First Aid Measures

After skin contact: Wash off with soap and plenty of water.
After eye contact: Flush eyes with water as a precaution.
After inhalation: Supply fresh air, consult doctor if breathing is difficult.
After swallowing: Never give anything by mouth to an unconscious person. Rinse mouth with water .
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SECTION 5 – Fire Fighting Measures

Suitable extinguishing agents: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide
Special protective equipment for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6 – Accidental Release Measures

Personal precautions: Avoid dust formation. Avoid breathing vapors, mist or gas.
Measures for environmental protection: Do not let product enter drains.
Measures for cleaning/collecting: Sweep up and shovel. Keep in suitable, closed containers for disposal.

SECTION 7 – Handling and Storage

Handling: Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
Storage: Keep in cool, well-ventilated place. Keep container tightly closed and away from moisture and direct sunlight.

SECTION 8 – Exposure Controls / Personal Protection

General protective and hygienic measures: General industrial hygiene practice.
Breathing equipment: None required.
Protection of hands: Handle with gloves. Inspect gloves prior to use. Use proper glove removal techniques to avoid contact with skin.
Eye protection: Use equipment for eye protection tested and approved under appropriate government standards.

SECTION 9 – Physical and Chemical Properties

Form: White powder
Odor: N/A
Odor threshold: N/A
pH: 5,0 - 6
Melting point/melting range: 263 Celsius
Boiling point/boiling range: N/A
Flash point: N/A
Evaporation rate: N/A
Flammability: N/A
Upper/lower flammability or explosive limits: N/A
Auto ignition temperature: N/A
Danger of explosion: N/A
Vapor pressure: N/A
Vapor density: N/A
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Relative density: N/A
Solubility in/Miscibility with water: 91,3 g/l at 20 Celsius – completely soluble

SECTION 10 – Stability and Reactivity

Reactivity: N/A
Chemical stability: N/A
Conditions to avoid: N/A
Incompatible materials: N/A
Hazardous decomposition products: N/A

SECTION 11 – Toxicological Information

Acute toxicity: LD50 Oral - rat - 10.000 mg/kg Remarks: Behavioral: Altered sleep time (including change in righting reflex). Behavioral: Ataxia. Lungs, Thorax, or Respiration: Dyspnea
Potential routes of exposure/potential health effects
Skin: None
Eye: None
Inhalation: The inhalation of powder can irritate the respiratory tract.
Ingestion: None
Carcinogenic effects: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Mutagenic effects: No known effect
Reproductive toxicity: No known effect
Sensitization: No known effect.
Target organs: No known effect

SECTION 12 – Ecological Information

Ecotoxicity: N/A
Mobility: N/A
Biodegradation: N/A
Bioaccumulation: N/A

SECTION 13 – Disposal Considerations

Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging: Dispose of as unused product.

SECTION 14 – Transport Information

DOT regulations: N/A
• Hazard class: N/A
• Land transport ADR/RID (cross-border): N/A
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• ADR/RID class: N/A
• Maritime transport IMDG: N/A
Air transport ICAO-TI and IATA-DGR: N/A
• ICAO/IATA Class: N/A

SECTION 15 – Regulatory Information

SARA Section 355 (extremely hazardous substances): Not listed
SARA Section 313 (specific toxic chemical listings): Not listed
Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs): Not listed
TSCA (Toxic Substances Control Act): Not listed

SECTION 16 – Other Information

SDS date of preparation/update: 12/16/2019

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