

MATERIAL SAFETY DATA SHEET

Chemical Product

Product Name: GLYCYL-L-LEUCINE

CAS#: 869-19-2

Synonym: Not Available.

Chemical Name: Glycyl-L-Leucine

Chemical Formula: Not Available.

Composition and Information on Ingredients

Name	S.K.U	% by Weight
GLYCYL-L-LEUCINE	GCS-6381	100

Hazards Identification

Not available.

First Aid Measures

AFTER INHALATION:

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

AFTER SKIN CONTACT:

In case of contact, immediately wash skin with soap and copious amounts of water.

AFTER EYE CONTACT:

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

AFTER INGESTION:

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Fire and Explosion Data

EXTINGUISHING MEDIA:

Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

SPECIAL RISKS:

Specific Hazard(s): Emits toxic fumes under fire conditions.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Accidental Release Measures

METHODS FOR CLEANING UP:

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Handling and Storage

HANDLING:

Directions for Safe Handling: Avoid inhalation.

Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

STORAGE:

Conditions of Storage: Keep tightly closed. Store in a cool dry place.

Exposure Controls/Personal Protection

ENGINEERING CONTROLS:

Safety shower and eye bath. Mechanical exhaust required.

GENERAL HYGIENE MEASURES:

Wash thoroughly after handling. Wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT:

Respiratory Protection: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Hand Protection: Compatible chemical-resistant gloves. Eye Protection: Chemical safety goggles.

Physical and Chemical Properties

Appearance Color : White

Form: Powder

Property : Value at Temperature or Pressure

pH : Not available

Boiling Point : Not available

Melting Range : 250,000°C

Flash Point : Not available

Flammability : Not available

Auto ignition Temp : Not available

Oxidizing Properties : Not available

Explosive Properties : Not available

Explosion Limits : Not available

Vapor Pressure : Not available

Partition Coefficient : Not available

Viscosity : Not available

Vapor Density : Not available

Saturated Vapor Conc. : Not available

Evaporation Rate : Not available

Bulk Density : Not available

Decomposition Temp. : Not available

Solvent Content : Not available

Water Content : Not available

Surface Tension : Not available

Conductivity : Not available

Miscellaneous Data : Not available

Solubility : Not available

Stability and Reactivity Data

STABILITY:

Materials to Avoid: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, Nitrogen oxides.

Toxicological Information

SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation. Eye Contact: May cause eye irritation. Multiple
Routes: May be harmful by inhalation, ingestion, or skin absorption.

Ecological Information

No data available.

Disposal Considerations

SUBSTANCE DISPOSAL:

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

Transformation Information

Land transport (ADR-RID)

General information: Not regulated.

Sea transport (IMDG) [English only]

General information: Not regulated.

Air transport (ICAO-IATA) [English only]

General information: Not regulated.

Other Regulatory Information

COUNTRY SPECIFIC INFORMATION

Germany WGK: 3

Self-Classification

Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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