1. PRODUCT AND COMPANY IDENTIFICATION

Catalog Code Number: 3022  
Product Name: Gly-Leu  
Supplier's Name: Peptide Institute, Inc.  
Address: 7-2-9 Saito-Asagi, Ibaraki-Shi, Osaka 567-0085, Japan  
Phone Number: 81-72-643-4411  
Fax Number: 81-72-643-4422  
Creation Date: September 3, 2013  
Revised: October 4, 2018 (ver. 3)

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture  
GHS classification: Not a hazardous substance  
Other hazards: The chemical, physical and toxicological properties of this product have not been thoroughly investigated. Exercise due care.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Single Substance or Mixture: Single Substance  
Common Chemical Name: Glycyl-L-leucine  
Molecular Formula: C₈H₁₆N₂O₃ (M.W. 188.22)  
CAS Registry Number: 869-19-2  
EINECS No.: 212-785-9  
UN No. & Hazard Class: -

4. FIRST AID MEASURES

Inhalation: If inhaled, remove person to fresh air and keep comfortable for breathing. Wash your mouth and nasal cavity thoroughly with clean water and get medical attention.  
Skin contact: In case of skin contact, wash with plenty of water. Call a doctor, if you feel unwell.  
Eye contact: In case of contact with eyes, wash with plenty of water. Call a doctor, if you feel unwell.  
Ingestion: If swallowed, rinse mouth. Call a doctor, if you feel unwell.

5. FIRE FIGHTING MEASURES

Extinguishing media: Water spray, carbon dioxide, dry chemical powder, or appropriate form.  
Special extinguishing method: Complies with fire extinguishing method in normal fire.  
Specific hazards arising from the chemical product:  
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:  
Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.  
Environmental precautions:  
To be careful not discharged to the environment without being properly handled waste water contaminated.  
Methods and materials for contaminant and methods and materials for cleaning up:  
Sweep up, place in a bag and hold for waste disposal. Avoid raising dust.

7. HANDLING AND STORAGE

Handling: Avoid inhalation. Avoid contact with eyes, skin and clothing.

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**Storage:** Keep container tightly closed. Store in a cool dry place. Recommended Storage 2-10 °C.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Engineering controls:** No data available
- **Exposure limits:** No data available
- **Personal protective equipment:**
  - Wear appropriate respirator, chemical-resistant gloves, safety goggles, other protective clothing.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance and Odor:** White powder
- **Reactivity in Water:** No reactivity
- **Solubility:** Soluble in H₂O

### 10. STABILITY AND REACTIVITY

- **Stability:** No data available
- **Reactivity:** No data available

### 11. TOXICOLOGICAL INFORMATION

- **Acute toxicity:** No data available
- **Skin irritation/corrosion:** No data available
- **Serious eye damage/ irritation:** No data available
- **Respiratory or skin sensitization:** No data available
- **Reproductive cell mutagenicity:** No data available
- **Carcinogenicity:** No data available
- **Reproductive toxicity:** No data available
- **STOT-single exposure:** No data available
- **STOT-repeated exposure:** No data available
- **Aspiration hazard:** No data available

### 12. ECOLOGICAL INFORMATION

- **Ecotoxicity:** No data available
- **Persistence and degradability:** No data available
- **Bioaccumulative potential:** No data available
- **Mobility in soil:** No data available

### 13. DISPOSAL CONSIDERATIONS

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

### 14. TRANSPORT INFORMATION

- **UN number and UN classification:** This material is not classified as hazardous goods.

### 15. REGULATORY INFORMATION

Not applicable.
Caution: The chemical, physical and toxicological properties of this product have not been thoroughly investigated.
Exercise due care.

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16. OTHER INFORMATION

Disclaimer: NOT FOR USE IN HUMANS. For R&D use only. Not for drug, household or other uses.

Reference:
1. JCIA: Japan Chemical Industry Association GHS support Guidelines (June, 2012)
2. JIS Z7253:2012 Hazard communication of chemicals based on GHS-Labelling and Safety Data Sheet (SDS)
3. NITE: National Institute of Technology and Evaluation (JAPAN) web site

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