

Section 1. Product and Company Identification

**Product Name** L-5-Hydroxytryptophan  
**CAS Number** 4350-09-8

**Parchem - fine & specialty chemicals**

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EMERGENCY RESPONSE NUMBER  
CHEMTEL

Toll Free US & Canada: 1 (800) 255-3924

All other Origins: 1 (813) 248-0585

Collect Calls Accepted

Section 2. Hazards Identification

**Classification of the substance or mixture**

**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

Acute toxicity, Oral (Category 3), H301

**GHS Label Elements**

**Pictograms:**



**Signal word:** DANGER

**Hazard and precautionary statements**

**Hazard Statements**

H301 Toxic if swallowed

**Precautionary Statements**

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink, or smoke when using this product.

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P321 Specific treatment (see supplemental first aid instructions on this label).

P330 Rinse mouth.

P405 Store locked up.

P501 Dispose of contents/ container to an approved waste disposal plant.

**Emergency Overview**

**Caution:** The toxicological properties have not been thoroughly investigated. Exercise due care.



**HMIS Rating**

**Health:** 2  
**Flammability:** 1  
**Reactivity:** 0

**NFPA Rating**

**Health:** 3  
**Flammability:** 1  
**Reactivity:** 0

For additional information on toxicity, please refer to Section 11

Section 3. Composition / Information on Ingredients

<b>Common Name</b>	L-5-Hydroxytryptophan
<b>Synonym(s)</b>	Griffonia simplicifolia
<b>Formula</b>	$C_{11}H_{12}N_2O_3$
<b>CAS Number</b>	4350-09-8

Section 4. First Aid Measures

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

**Inhalation Exposure:** If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Dermal Exposure:** In case of contact, immediately wash skin with soap and copious amounts of water.

**Eye Exposure:** In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Section 5. Firefighting Measures

**Flash Point:** N/A

**Flammability:** N/A

**Autoignition Temp:** N/A

**Extinguishing Media:** Water spray, carbon dioxide, dry chemical powder, or appropriate foam.

**Firefighting**

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

**Specific Hazards:** Emits toxic fumes under fire conditions.



Section 6. Accidental Release Measures

**Procedures of Personal Precautions:** Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

**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.

Section 7. Handling and Storage

**Handling**

**User Exposure:** Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

**Storage:** Keep tightly closed in a cool, dry place. Avoid prolonged and repeated exposure.

**Long term storage:** 3 years when stored properly under above situations

Section 8. Exposure Controls / Personal Protection

**Engineering Controls:** Safety shower and eye bath. Mechanical exhaust required. Avoid inhalation.

**General Hygiene Measures:** Wash thoroughly after handling

**Personal Protective Equipment**

**Respiratory:** Wear dust mask; Hand: Protective gloves; Eye: Chemical safety goggles.

**Permissible Exposure Limits:** No data available.

**Threshold Limit Values:** No data available

Section 9. Physical and Chemical Properties

**Physical State:** Solid

**pH:** N/A

**Odor Threshold:** N/A

**Decomposition Temp.:** N/A

**BP/BP Range:** N/A

**Volatile%:** N/A

**Flash Point:** N/A

**MP/MP Range:** N/A

**VOC Content:** N/A

**Explosion Limits:** N/A

**Freezing Point:** N/A

**Water Content:** N/A

**Flammability:** N/A

**Vapor Pressure:** N/A

**Solvent Content:** N/A



**Auto-ignition Temp:** N/A  
**Vapor Density:** N/A  
**Evaporation Rate:** N/A  
**Refractive Index:** N/A  
**Saturated Vapor Conc.:** N/A  
**Viscosity:** N/A  
**Optical Rotation:** N/A  
**SG/Density:** N/A  
**Surface Tension:** N/A  
**Miscellaneous Data:** N/A  
**Bulk Density:** N/A  
**Partition Coefficient:** N/A  
**Solubility:** N/A

Section 10. Stability and Reactivity

**Stability:** Stable

**Materials To Avoid:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Carbon monoxide, Carbon dioxide.

**Hazardous Polymerization:** Will not occur.

Section 11. Toxicological Information

**Route of Exposure**

**Skin Contact:** May cause skin irritation

**Skin Absorption:** May be harmful if absorbed through the skin

**Eye Contact:** May cause eye irritation

**Inhalation:** May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract

**Signs and symptoms of exposure:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12. Ecological Information

No data available

Section 13. Disposal Considerations

**Waste Treatment Methods:** Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.



Section 14. Transport Information

**DOT:** Non-Hazardous for Transport

This substance is considered to be non-hazardous for transport.

**IATA:** Non-hazardous for air transport.

Section 15. Regulatory Information

**US Classification and Label Text**

**US Statements:** Caution: The toxicological properties have not been thoroughly investigated.  
Exercise due care.

**United States Regulatory Information**

**SARA Listed:** No

**Canada Regulatory Information**

**WHMIS Classification:** This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

**DSL:** No

**NDSL:** No

**Labeling according to EEC-Directives:** None required

Section 16. Other Information

**Disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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