



Section 1. Product and Company Identification

**Product Name** L-Phenylalanine  
**CAS Number** 63-91-2

**Parchem - fine & specialty chemicals**  
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**New Rochelle, NY 10801**  
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Collect Calls Accepted

Section 2. Hazards Identification

**Classification of the substance or mixture**

Material is not regulated by OSHA as a Toxic and Hazardous Substance.

**Potential Health Effects**

**Eye:** Dust can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes.

**Skin:** May cause skin irritation. Symptoms may include redness, burning, and swelling of skin.

**Swallowing:** Swallowing this material is not likely to be harmful.

**Inhalation:** This material is a dust or may produce dust. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful.

**Symptoms of Exposure:** Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: mouth and throat irritation (soreness, dry or scratchy feeling, cough).

**Target Organ Effects:** No data

**Developmental Information:** There are no data available for assessing risk to the fetus from maternal exposure to this material.

**Cancer Information:** This material is not listed as a carcinogen by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration.

**Other Health Effects:** This material can form dust which may cause skin or mucous membrane irritation. Symptoms may include redness, burning, and swelling. Although they may cause respiratory tract irritation, nuisance dusts do not form scar tissue or affect the structure of air spaces in the lungs. Their effects on the tissues are potentially reversible.

**Primary Route(s) of Entry:** Inhalation, Skin contact, Eye contact.



Section 3. Composition / Information on Ingredients

**Common Name** L-Phenylalanine  
**CAS Number** 63-91-2

COMPONENT	CAS NUMBER	CONCENTRATION
L-Phenylalanine	63-91-2	98.0 - 100.0%

Section 4. First Aid Measures

**Eyes:** If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

**Skin:** Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

**Swallowing:** First aid is not normally required. If symptoms develop, seek medical attention.

**Inhalation:** If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

**Note to Physicians:** No data

Section 5. Firefighting Measures

**Flash Point:** Not applicable

**Explosive Limit:** Not applicable

**Auto ignition Temperature:** No data

**Hazardous Products of Combustion:** May form: carbon dioxide and carbon monoxide, nitrogen oxides.

**Fire and Explosion Hazards:** Organic dusts can form explosive mixtures in air.

**Extinguishing Media:** Regular foam, water fog, carbon dioxide and sand.

**Fire Fighting Instructions:** Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

**NFPA Rating**

**Health:** 1

**Flammability:** 0

**Reactivity:** 0



Section 6. Accidental Release Measures

**Small Spill:** Sweep up material for disposal or recovery.

**Large Spill:** Shovel material into containers. Thoroughly sweep area of spill to clean up any residual material.

Section 7. Handling and Storage

**Handling:** Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove soiled clothing and wash before reuse. Shower after work using plenty of soap and water.

**Storage:** Store in a cool, dry place at 75°F or lower. Keep the container airtight.

Section 8. Exposure Controls / Personal Protection

**Eye Protection:** Wear safety glasses in compliance with OSHA regulations.

**Skin Protection:** Wear resistant gloves such as: latex.

**Respiratory Protections:** 3M Dust respirator No. 8710 or 9900 is recommended or a NIOSH/MSHA jointly approved dust respirator.

**Engineering Controls:** Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below level of overexposure (from known, suspected or apparent adverse effects).

**Exposure Guidelines:** No exposure limits established

Section 9. Physical and Chemical Properties

**Boiling Point:** Not applicable

**Vapor Pressure:** Not applicable

**Specific Vapor Density:** Not applicable

**Specific Gravity:** Not applicable

**Liquid Density:** Not applicable

**Percent Volatiles:** Not applicable

**Evaporation Rate:** Not applicable

**Appearance:** Colorless or white plate-like crystals or crystalline powder

**State:** Solid

**Physical Form:** Crystals or crystalline powder

**Color:** White or colorless

**Odor:** No data

**pH:** Not applicable

**Freezing Point:** Not applicable

**Molecular Weight:** 165.19

**Solubility in Water:** Soluble



Section 10. Stability and Reactivity

**Hazardous Polymerization:** Product will not undergo hazardous polymerization.

**Hazardous Decomposition:** May form: carbon dioxide and carbon monoxide, nitrogen oxides.

**Chemical Stability:** Stable under ordinary conditions of use and storage.

**Incompatibility:** Avoid contact with: strong oxidizing agents.

Section 11. Toxicological Information

No data available

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 (US):** Not dangerous goods

**IMDG:** Not dangerous goods

**IATA:** Not dangerous goods

Section 15. Regulatory Information

**SARA 302 Components:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards:** No SARA Hazards

**Massachusetts Right To Know Components**

No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know Components**

3-Phenyl-L-alanine CAS-No. 63-91-2

**New Jersey Right To Know Components**

3-Phenyl-L-alanine CAS-No. 63-91-2

**California Prop. 65 Components:** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.



**HMIS Rating**

Health Hazard: 0

Flammability: 0

Physical Hazard: 0

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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