

L-Arginine Powder

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Revision Date: September 13, 2023

SECTION 1. IDENTIFICATION

Product Name: L-Arginine Powder
INCI Name: *Arginine*
CAS#: 84650-63-5
Recommended Use: Topical Cosmetic Use
Supplier: **Bulk Naturals Wholesale LLC.**
212 N Jefferson Unit 12A Ava, Mo 65608, USA
Telephone No. (24hrs): 1-573-465-0612
Emergency Telephone # : **1-573-465-0612(Mon-Fri: 8:00AM – 5:00PM CST)**

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Classification: This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
Serious Eye Damage/Eye Irritation Category 2

GHS Label elements:



Signal: Danger

Hazard statement(s):
H319 Causes serious eye irritation

Precautionary statements:

P261 Avoid breathing dust/fumes/gas/mist/vapors/spray.
P264 Wash skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P321 Specific treatment (see section 4 on this label).
P332+P313 If skin irritation occurs: Get medical advice/attention.
P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.

The information given and the recommendations made herein are based on our research and are believed to be accurate but no guarantee of their accuracy is made and we assume no liability regarding this formula or information contained herein. In every case we urge and recommend that our customers make their own tests to determine to their own satisfaction whether the product is suitable for their particular purposes under their own operating conditions. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent without the authority from the owner of this patent



Safety Data Sheet

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P337+P313	If eye irritation persists get medical advice/attention.
P362	Take off contaminated clothing.
P363	Wash contaminated clothing before reuse.
P501	Dispose of contents/container according to local regulations.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Product Name	CAS Numbers	EC Numbers	Percentage
L-Arginine	74-79-3	200-811-1	100.0%

SECTION 4. FIRST AID MEASURES

Eye:	Immediately flush your eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.
Skin contact:	Remove contaminated clothing. Wash the area with soap and water. If irritation occurs, get medical attention.
Inhalation:	Remove to fresh air. Get medical attention if symptoms occur. If not breathing, give artificial respiration.
Ingestion:	Do NOT induce vomiting. Get medical attention if symptoms occur.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Water spray, carbon dioxide (CO ₂), dry chemical, alcohol-resistant foam.
Precautions for fire-fighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Special hazards arising from the substance:	Thermal decomposition can lead to release of irritating gases and vapors. Keep product and empty container away from heat and sources of ignition.
Hazardous combustion products:	Nitrogen oxides (NO _x). Carbon monoxide (CO). Carbon dioxide (CO ₂).

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Use personal protective equipment as required. Ensure adequate ventilation. Avoid dust formation. Avoid contact with skin, eyes or clothing.
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Environmental precautions:

Avoid release to the environment.

Methods for cleaning up:

Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:

Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid dust formation. Avoid contact with skin, eyes, or clothing. Avoid ingestion and inhalation.

Recommended Storage Conditions:

Keep containers tightly closed in a dry, cool, and well-ventilated place. Incompatible Materials. Strong oxidizing agents.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eyes:

Use tightly sealed goggles.

Skin:

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

Respiratory:

In case of insufficient ventilation, wear suitable respiratory equipment.

Hygiene Measures:

Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Solid white powder.

Odor:

Odorless.

pH:

11.4 10% aq. solution.

Melting Point/Range:

223 - 224 °C / 433.4 - 435.2 °F

Specific Gravity:

1.3 (H₂O=1)

Solubility:

Soluble in water

SECTION 10. STABILITY AND REACTIVITY

Chemical stability:

Moisture sensitive. Light sensitive.

Possibility of hazardous reactions:

Hazardous polymerization will not occur.

Conditions to avoid:

Avoid dust formation. Incompatible products. Excess heat. Exposure to light. Exposure to air or water.

Incompatible materials:

Strong oxidizing agents.

Hazardous decomposition products:

Nitrogen oxides (NO_x), Carbon monoxide (CO), Carbon dioxide (CO₂)

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SECTION 11. TOXICOLOGICAL INFORMATION

Inhalation:	Inhalation of high concentrations of vapor may result in irritation of the eyes, nose, and throat, headache, nausea, and dizziness.
Skin contact:	Adverse skin effects should be prevented by normal care and personal hygiene.
Eye contact:	Possible irritation should be prevented by wearing safety glasses.
Ingestion:	Low-order toxicity causes irritation of the stomach and intestines which results in nausea and vomiting.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:	Adverse effects on aquatic organisms and the environment are not known. Avoid any pollution of soil, surface, or underground water.
Persistence and Degradability:	Soluble in water Persistence is unlikely based on the information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

SECTION 14. TRANSPORT INFORMATION

This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as Non-Regulated Material.

SECTION 15. REGULATORY INFORMATION

This product does not need to be labeled in accordance with EC Directives or respective national laws.

SECTION 16. OTHER INFORMATION

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