

**AERCHEM INC.**  
**320 North Walnut**  
**Bloomington, IN 47404**

Tel: 812.334.9996      Fax: 812.334.1960      Emergency: 800.424.9300

---

**SECTION 1: IDENTIFICATION**

**Effective Date:** 9/26/97

**Product Name:**L-Isoleucine

**Molecular Formula:** C<sub>6</sub>H<sub>13</sub>NO<sub>2</sub>

**CAS No.:** 73-32-5

---

**SECTION 2: HAZARDOUS INGREDIENTS:** Very dangerous in case of ingestion. Slightly dangerous to dangerous in case of skin contact(irritant, permeator), of eye contact(irritant), of inhalation. This product may irritate eyes and skin upon contact.

---

**SECTION 3: PHYSICAL DATA**

Odor: N/A

Appearance: White powdered solid

Melting point.: decomposes. N/A

Boiling point: N/A

Decomposition temperature: 284C

pH (depends on quality): N/A

Solubility in water: partially soluble

Specific gravity (water = 1) N/A

Vapor density: N/A

Vapor pressure: N/A

---

**SECTION 4: FIRE AND EXPLOSION DATA**

Flash point: N/A

Flammable limit: N/A

Flammability: combustible

Extinguishing media: dry chemicals, CO<sub>2</sub>, water spray or foam. DO NOT USE water jet.

Fire fighting procedures: no additional remark

Unusual fire and explosions hazards: No specific information is available.

---

**SECTION 5: REACTIVITY DATA**

Stable   X                        Unstable           

**Decomposition byproducts:** N/A

**Incompatibilities/Condition to Avoid:** N/A

**Hazardous Polymerization:** N/A

---

**SECTION 6: HEALTH HAZARD DATA**

**Toxicity:** N/A

**Route of Entry:** Ingestion, Skin Contact, Inhalation.

**Permissible Exposure limits:**            N/A

**TWA:**

**TLV:**

---

**SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES**

**Spillage:** Use appropriate tools to put spilled matter into convenient waste disposal container. Spread water on contaminated surface and dispose of according to local and regional authority requirements.

**Disposal:** N/A

---

**SECTION 8: FIRST AID PROCEDURES**

**Eye Contact:** Remove any contact lenses, then flush eyes with running cold water for at least 15 minutes, keeping eyelids open. DO NOT USE an eye ointment. Seek medical attention.

**Skin Contact:** Remove contaminated clothes immediately, then place victim under deluge shower and clean with non-abrasive soap, paying particular attention to folds and crevices. Cover irritated skin with an ointment, and seek medical attention if irritation persists. Wash clothing before rewearing.

**Inhalation:** Allow victim to rest in well ventilated area. Seek immediate medical attention.

**AERCHEM INC.**  
**320 North Walnut**  
**Bloomington, IN 47404**

**Tel: 812.334.9996      Fax: 812.334.1960      Emergency: 800.424.9300**

---

**Ingestion:** Remove dentures, have conscious person drink several glasses of water or milk. INDUCE VOMITING, and lower head so vomit does not reenter mouth and throat. NEVER give unconscious person anything to ingest. Seek medical attention.

---

**SECTION 9: HANDLING AND STORAGE INFORMATION:** Store in cool, dry place away from sources of ignition. Do not breathe dust; wear respiration suit if necessary. Ground all equipment containing material. Avoid contact with skin and eyes.

---

**SECTION 10: SPECIAL PROTECTION INFORMATION:**

**Ventilation:** Use process enclosures, local exhaust to keep airborne levels below recommended limits.

**Skin Protection:** Impermeable gloves.

**Eye Protection:** Splash goggles.

**Respiratory Protection:** Dust respirator.

**Other:**

---

**SECTION 11: TRANSPORT INFORMATION**

**DOT Classification:** Not a regulated material.

---

**SECTION 12: OTHER REGULATORY INFORMATION**

**Federal and State regulations:**

**WHMIS (Canada):**

**DSCL (EEC):**

**HMIS (USA):**