SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Magnesium

Flinn Scientific, Inc. P.O. Box 219 Batavia, IL 60510 (800) 452-1261
CHEMTRECEmergency Phone Number: (800) 424-9300

SECTION 2 — COMPOSITION, INFORMATION ON INGREDIENTS

Magnesium

CAS#: 7439-95-4

SECTION 3 — HAZARDS IDENTIFICATION

Silvery-white, odorless metal granules, turnings or ribbon.
Flammable solid.
Substance is considered nonhazardous. However, not all health aspects of this substance have been thoroughly investigated.

SECTION 4 — FIRST AID MEASURES

Call a physician and seek medical attention for further treatment, observation, and support after first aid.
Inhalation: Remove to fresh air at once. If breathing has stopped, give artificial respiration immediately.
Eye: Immediately flush with fresh water for at least 15 minutes.
External: Wash continuously with fresh water for at least 15 minutes.
Internal: Rinse out mouth, give 1 to 2 cups of water or milk, and induce vomiting. Call a physician or poison control at once.

SECTION 5 — FIRE FIGHTING MEASURES

Flammable solid.
Water reactive metal; avoid contact with acids or water.
Fire Fighting Instructions: Use Class D, Met-L-X, or dry sand as a fire extinguisher. Avoid water contact, violent reaction with water. Firefighters should wear PPE and SCBA with full facepiece operating in positive mode.

NFPA CODE
H-0
F-1
R-1
No Water

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Restrict unprotected personnel from the area. Remove all ignition sources and water. Sweep up the spill, place in a sealed bag or container, and dispose. Ventilate area and wash spill site after material pickup is complete. See Sections 8 and 13 for further information.

SECTION 7 — HANDLING AND STORAGE

Flinn Suggested Chemical Storage Pattern: Inorganic #1. Store with metals and metal hydrides.
Store in a Flinn Saf-Stor can.

SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Avoid contact with eyes, skin, and clothing. Wear chemical splash goggles, chemical-resistant gloves, and a chemical-resistant apron. Use exhaust ventilation to keep airborne concentrations low.
**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

- **Shipping Name:** Magnesium
- **Hazard Class:** 4.1, Flammable solid
- **UN Number:** UN1869

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Specific Gravity</td>
<td>1.74</td>
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<tr>
<td>Melting Point</td>
<td>651 °C</td>
</tr>
<tr>
<td>Formula</td>
<td>Mg</td>
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<tr>
<td>Formula Weight</td>
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<tr>
<td>Solubility</td>
<td>Insoluble in water. Soluble in acids.</td>
</tr>
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