



**MATERIAL SAFETY DATA SHEET**  
**AM1**

**SECTION V. REACTIVITY DATA**

**Material is stable.** Avoid ignition sources, sparks, open flames, and generation of airborne dusts.

**Hazardous polymerization will not occur.**

**Chemical incompatibilities:** Water, acids, strong alkalis, strong bases, strong oxidizers, silver chloride, iodates, chlorinated hydrocarbons, oxides, nitrites, nitrates, carbon disulfide, chlorides, sodium peroxide plus carbon dioxide, sulfur dichloride, palladium, manganese, magnesium plus potassium chlorate, sodium carbonate, sulfates, diborane.

**Hazardous decomposition products:** Reacts with water, acids, and alkalis to form combustible hydrogen gas.

**SECTION VI. HEALTH HAZARD INFORMATION**

**Target organs:** Eyes, skin, mucous membranes.

**Primary entry route(s):** Inhalation, skin or eye contact.

**HEALTH EFFECTS:**

**Aluminum** metallic powder is an eye and mucous membrane irritant.

**FIRST AID:**

**Eye contact:** Flush eyes with plenty of water for 15 minutes while holding eyelids open. Get medical attention immediately. Contact lenses should not be worn while working with this chemical.

**Skin contact:** Remove contaminated clothing/shoes. Flush skin with water. Follow by washing with soap and water. If irritation occurs, get medical attention.

**Inhalation:** Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Keep the affected person warm and at rest. Get medical attention as soon as possible.

**SECTION VII. SPILL, LEAK AND DISPOSAL PROCEDURES**

**Spill/leak procedures:** Never employ water, have sand pails available. Use non-sparking, non-static generating implements. Sweep gently to avoid dust cloud formation. Wet or contaminated material should be placed in vented containers and moved to a remote area. Keep spill out of drains, sewers and waterways. Use sand or other inert material to contain spill. Place in leak proof containers for proper disposal.

**Disposal:** Observe all local, state and federal regulations when disposing of this substance.

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**SECTION VIII. SPECIAL PROTECTION INFORMATION**

**Personal protective equipment:**

**Goggles:** Wear safety glasses with side shields or goggles as appropriate. Contact lenses should not be worn.

**Gloves/Clothing:** Recommended use.

**Respirator:** If exposure may or does exceed occupational exposure limits, use a NIOSH-approved respirator to prevent overexposure.

**Workplace considerations:** Eye wash fountain and shower.

**Ventilation:** Sufficient ventilation, in both volume and pattern, should be provided to keep air contamination below current applicable OSHA permissible exposure limits.

**SECTION IX. SPECIAL PRECAUTIONS**

**Special handling/storage:** Protect against water. Store in a cool, dry place away from incompatible chemicals and possible sources of ignition or exposure to prolonged heat. Ground all handling and transfer operations and use explosion-proof electrical equipment. No smoking or open flames.

**SECTION X. CARCINOGENITY STATUS**

**NTP:** Not listed.      **IARC:** Not listed.      **OSHA:** Not listed.

**SECTION XI. SECTION 313 SUPPLIER NOTIFICATION**

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

<u>CAS#</u>	<u>Chemical Name</u>	<u>Percent by Weight</u>
7429-90-5	Aluminum (fume or dust)	>99%

This aluminum powder is classified as fume or dust.

This information must be included in all MSDSs that are copied and distributed for this material.

**SECTION XII. EMERGENCY CONTACT**

**CHEMTREC: (800) 424-9300** To be used "ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT INVOLVING CHEMICALS".

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DISCLAIMER OF LIABILITY

The information provided is based on data furnished to us by our suppliers or determined by us in our facilities at the time that this product was formulated. Although believed to be reliable, the information and products are intended for use by skilled persons at their own risk. Users should make their own determinations as to the suitability of the

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