

IRON POWDER MSDS

Label Content Code = C9288

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: AngelGilding.com
619 Clarence Ave.
Oak Park IL 60604 USA
24-hour Emergency Phone: 708-383-3340
Product Name: Iron Powder – C9288

Section 2: INGREDIENT INFORMATION

Synonyms	C.A.S.	Formula:	Formula Weight:	Percent
metallic iron, elemental iron	7439-89-6	Fe	55.85 g mol ⁻¹	100

Section 3: HAZARD IDENTIFICATION

Emergency Overview:

Avoid breathing dust or powder.

SAF-T-DATA Ratings

Flammability Rating: Flammable in presence of heat

Reactivity Rating: 2 - Moderate

Potential Health Effects:

Inhalation:

Dust may be harmful if inhaled.

Section 4: FIRST AID MEASURES

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion:

Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Skin Contact:

Wash with soap and water. Get medical attention if irritation develops.

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Section 5: FIRE FIGHTING MEASURES
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Explosion:

Explosive in presence of open flames and sparks, of heat.

Fire Extinguishing Media:

Small fire: Use DRY chemical powder. Large fire: Use water spray, fog or foam. Do not use water jet.

Section 6: ACCIDENTAL RELEASE MEASURES

Small spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. Large spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7: HANDLING AND STORAGE
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Keep container tightly closed. Keep container in a cool, well-ventilated area. Moisture sensitive.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Do not ingest. Do not breathe dust. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids.

Skin Protection: Gloves

Eye Protection: Safety glasses

Section 9: PHYSICAL AND CHEMICAL PROPERTIES
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Appearance	Grey crystalline powder
Odor:	None
Density (g cm⁻³):	7.86
Boiling Point: °C	3000
Melting Point (°C):	1535

Section 10: STABILITY AND REACTIVITY

Stability:

Stable. Reacts slowly with moist air and water.

Incompatibilities:

Organic acids, strong oxidizing agents, water, mineral acids

Conditions to Avoid:

Dust may form an explosive or combustible mixture with air.

Section 11: TOXICOLOGICAL INFORMATION:

Oral rat LD50: 30000 mg/kg

Section 12: ECOLOGICAL INFORMATION

Not a hazard.

Section 13: DISPOSAL CONSIDERATIONS:

Not a hazard.

Section 14: TRANSPORT INFORMATION:

Not a hazard.

Section 13: REGULATORY INFORMATION:

Not a hazard.

Section 14: OTHER INFORMATION

Health:	NFPA Ratings:	Reactivity:
1	Flammability: 2	1

Product Use: Commercial mirroring

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