



## Section 1 - Product Name

**Product Name:** Magnequench Crushed Ribbon

## Section 2 - Hazardous Ingredients

**Chemical Name:** Iron Alloy

**Material/Component(s):**

Material or Component	Weight %	CAS No.	ACGUH TLV (mg/m <sup>3</sup> )	Notes
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## Section 3 - Physical Characteristics

**Vapor Pressure:** N/A

**Vapor Density:** N/A

**Specific Gravity:** 7.55

**Melting Point:** N/A

**Evaporation Rate:** N/A

**Odor:** N/A

**Solubility in Water:** Neg.

## Section 4 - Fire and Explosion Hazard Data

**Flash Point:** N/A

**FLAMMABLE LIMITS:** N/A

**LEL:** of whirled dust: 165MG/M3

**UEL:** N/A

**Extinguishing Media:** N/A

**Special Fire Fighting Procedures:** Cover with sand, NA-X, or Lith-X. Do not use water, CO2, Halo

**Unusual Fire and Explosion Hazards(s):** 200 mesh powder rated as a weak explosive hazard when suspended in air with ignition at 959 F. Avoid suspending fine powder in air, as it may ignite if an ignition source is present. Probably will react with water and release hydrogen.

## Section 5 - Reactivity Data

**Stability:** Stable

**Conditions to Avoid:** N/A



**Incompatibility (Materials to Avoid):** Strong oxidizing agents. Strong acids, and strong bases.

**Hazardous Polymerization:** N/A

**Hazardous Decomposition or Byproducts :** Irritating dust. Hydrogen may be liberated when water or moisture reacts with fine powder.

## Section 6 - Health Hazard Data

**Health Hazards (Acute & Chronic):** Dust irritation. Cobalt metal dust can cause dermatitis and possible skin dermatitis and possible skin sensitization. Eye contact may produce conjunctivitis. Inhalation may produce irritation and respiratory tract sensitization with asthma- like symptoms, including cough, dyspnea, chest tightness, and wheezing. Pneumoconiosis has been associated with overexposure to cobalt dust. Ingestion may produce vomiting, diarrhea, loss of appetite, and nausea. Possible cardiotoxicity in hypothyroidism

### Emergency and First Aid Procedures:

Procedure For	Procedure
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## Section 7 - Precautions for Safe Handling and Use

**Spill Procedure:** Sweep up

**Waste Disposal Method:** Usual solids disposal per Federal, State, and local codes.

## Section 8 - Control Measures

**Respiratory Protection:** NIOSH approved dust mask.

**Eye Protection:** Protect from dust.

**Skin Protection:** Wear impervious gloves for powder handling.

**Ventilation:** N/A

**Work / Hygienic Practices:** N/A