

MSDS - Material Safety Data Sheet**Product Name: Magnuclei, Silver/Gray Magnetic Latent Print Powder****MSDS No.: MAG100****I. Basic Information:****Manufacturer:** Sirchie Finger Print Laboratories**Address:** 100 Hunter Place**City, ST Zip:** Youngsville, NC 27596**Emergency Contact:** CHEMTREC**Emergency Telephone Number:** 800-424-9300**Contact:** Tech Support**Information Telephone Number:** 919-554-2244**Last Update:** 2-7-2008**Expiration Date:****Chemical State:** Liquid Gas Solid**Chemical Type:** Pure Mixture

1	Health
1	Flammability
0	Reactivity
E	Pers. Protection

II. Ingredients: Trade Secret

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z	313					
7439896	Iron compound	>98.5							10mg/m3	5mg/m3	2,795 F

III. Hazardous Identification:**Hazard Category:** Acute Chronic Fire Pressure Reactive**Hazardous Identification Information:**

May be hazardous if ingested. Respiratory tract irritant. Skin and eye irritant.

IV. First Aid Measures:**Route(s) of Entry:**

Inhalation, ingestion, skin, eyes.

Health Hazards (Acute and Chronic):

Acute: Skin and eye irritation.

Chronic: Siderosis

Signs and Symptoms:

Eyes: Inflammation, redness, watering, itching.

Medical Conditions Generally Aggravated by Exposure:

Skin, eye, respiratory

Emergency and First Aid Procedures:

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Inhalation: Remove to fresh air. If breathing becomes difficult, give oxygen (To be administered by qualified medical personnel only!) If breathing stops, perform artificial respiration. Seek medical attention.

Ingestion: If victim is conscious and alert, give large quantities of water or milk. (Never give anything by mouth to an unconscious person!) Induce vomiting. Lower the head so that the vomit will not re-enter the mouth and throat. Seek medical attention.

Skin: Wash with soap and water. If irritation occurs, seek medical attention.

Eyes: Rinse with plenty of water for 15 minutes and seek medical attention.

Other Health Warnings:

None

V. Fire Fighting Measures:

Flash Point: N/E

Lower Explosive Limit: 0.035

Upper Explosive Limit: N/E

F.P. Method:

Fire Extinguishing Media: Dry Chemical, sand, graphite, sodium chloride--DO NOT USE WATER!

Special Fire Fighting Procedures:

Wear self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion:

Can pose dust explosion hazard if dispersed in air. may react with water to form combustible hydrogen gas.

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

Wear dust respirator, safety goggles, and rubber gloves. Sweep up and place in bag or vacuum up with proper filter equipped instrument. Avoid creating dust. Ventilate and wash spill site after collecting solid. Dispose according to local, state, and federal regulations.

VII. Handling and Storage:

Precautions to be Taken:

Keep in closed container. Avoid incompatible materials. Use only in well-ventilated areas. Avoid dust generation and accumulation. Wash thoroughly after handling.

Other Precautions:

DO NOT wear contact lenses while using this material.

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Use only in well-ventilated areas or with fume hood.

Personal Protective Equipment:

Safety goggles, gloves, dust respirator.

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IX. Physical and Chemical Properties:

Boiling Point: 3,000 F

Melting Point: 1,535 F

Evaporation Rate (Butyl Acetate = 1): N/A

Vapor Pressure (mm Hg.): 1

Specific Gravity (H2O = 1):

Vapor Density (AIR = 1): N/A

Solubility In Water: Insoluble

Appearance and Odor:

Other Information:

X. Stability and Reactivity:

Stability:

Normally stable.

Incompatibility (Materials to Avoid):

Low reactivity with acids.

Decomposition/By Products:

None identified.

Hazardous Polymerization:

Will not occur.

XI. Toxicological Information:

Prolonged inhalation of iron oxide dust is known to produce a condition known as siderosis. On x-rays, it appears to be a benign pneumoconiosis, and is not associated with pulmonary fibrosis or disability unless there is concurrent exposure to other fibrosis-producing materials such as silica. The TLV is set to protect against siderosis.

XII. Ecological Information:

No data on ecological effects of this product have been developed.

XIII. Disposal Considerations:

Dispose of according to local, state, and federal regulations.

XIV. Transport Information:

Not regulated

XV. Regulatory Information:

Not regulated.

XVI. Other Information:

Using this product under normal, properly instructed procedures should not be hazardous.

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