



Magnetest® White Iron Powder

Material Safety Data Sheet

Part #10029 (1 lb.), 10030 (3 lb.), 10031 (5 lb.), 10032 (25 lb.), 10033 (100 lb.), 19113 (1 lb.), & 19114 (5 lb.)

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Magnetest® White Iron Powder

Product Type: Metallic Iron Powder

Company Address:

Silver Seal Products Co., Inc.

19224 Allen Rd.

Trenton, MI 48183

Region: United States

Contact Information:

Telephone: 800-521-2936

Emergency Telephone: 800-521-2936

www.silver-seal.com

HMS Hazard Codes: Health: 1

Fire: 0

Reactivity: 1

Personal: B

2. COMPOSITION/INFORMATION ON INGREDIENTS

If present, IARL, NTP, and OSHA Carcinogens and Chemical subject to this reporting requirements of SARA TITLE III, Section 313 are identified in this section:

Non-Hazardous Components	CAS #	OSHA-PEL	ACGIH-TLV	% by Wt.
Iron	7439-89-6	15	10mg/m ³	98.5
Titanium Dioxide	13463-67-7	15	10mg/m ³	1.5

3. PHYSICAL/CHEMICAL CHARACTERISTICS

Melting Point: Fe=2795°F

Specific Gravity: Fe = 7.5

Vapor Pressure: N/D

Percent Volatile: N/D

Vapor Density (air=1): N/D

Evaporation Rate: N/A

Solubility in Water: Nil.

pH (Full Strength): N/A

Appearance and Odor: White, Fine Powder, No Odor

4. FIRE FIGHTING MEASURES

Flash Point: N/D

Auto Ignition Temp.: N/D

Extinguishing Media: Dry chemical or dry sand to smother fire.

Flammable Limits: N/D

Special Fire Fighting Procedures: This mixture is not considered flammable. However, use water in mist/fog applicator to avoid spreading powder/dust. Use self-contained breathing device, water to cool fire exposed containers. Will react with strong oxidizers.

5. REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: None

Storage: Clean, dry area.

Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide.

Conditions To Avoid: Generating large amounts of airborne powder/dust. Strong oxidizing agents, welding, sparks, open flames.

6. HEALTH HAZARD DATA

Effects of Overexposure Acute & Chronic: No carcinogens present.

Ingestion - Do not ingest. Clean hands after using. May produce mucous membrane irritation and gastrointestinal irritation, nausea, vomiting, and diarrhea.

Eye Contact - May produce severe irritation.

Skin Contact - Prolonged contact may produce defatting and drying of skin.

Inhalation - May produce headache, nasal & upper respiratory tract irritation.

Emergency First Aid Procedures:

Ingestion - **DO NOT INDUCE VOMITING!** Rinse mouth with water. Contact physician to treat symptomatically.

Eye Contact - Flush with copious amounts of water. If irritation persists, contact physician.

Skin Contact - Wash skin with soap and water. If irritation persists, contact physician.

Inhalation - Remove to fresh air. If the condition persists, contact physician.

7. SPILL/LEAK PROCEDURES

Material Release/Spills/Disposal: Sweep up and reuse. Discard in accordance with local, state, and federal regulations.

Advise authorities if released into sewers, watercourses, or extensive land areas.



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8. PRECAUTIONS FOR SAFE HANDLING AND USE

Respiratory Protection: No special protection required under normal usage.

Ventilation: Normally, local exhaust ventilation is all that is required. When needed during extended use, use approved dust respirator (OSHA 29CFR1910.94).

Gloves: For cleanliness, wear neoprene or cotton protective gloves.

Eye Protection: Wear approved safety goggles with side guard shields when handling magnetic iron testing powders.

Other Protective Equipment: Rubber apron to protect clothes, barrier cream for exposed skin areas..

8. CONTROL MEASURES

Handling and Storing: Clean, dry area separate from incompatible materials. Reacts with strong oxidizers. Wear approved safety glasses when handling.

Other Precautions: Avoid breathing (powder/dust). Avoid prolonged contact with skin. Avoid eye contact. Do no ingest. Wash skin with soap and water after contact and before handling foodstuffs and drink. Clean contaminated clothing before reusing.

9. WASTE LABELING INFORMATION

D.O.T. Labeling Information (49 CFR 100-199): Not regulated by D.O.T.

Proper Shipping/Labeling Name: Iron Powder
NOT HAZARDOUS PER D.O.T. REGULATIONS

10. DISCLAIMER

The information presented herein is believed to be accurate based on raw material information available, as well as information provided by other component material suppliers, and is intended for the normal use of the product. Because we cannot control handling, storage, and the end use of the product, the information provided is without WARRANTY of fitness or merchantability of any kind, either expressed or implied, or the correctness of this Material Safety Data Sheet. Therefore, we assume no liability or responsibility with respect to personal injury or property damage resulting from the improper use, handling, storage, disposal, or results obtained from using this product.

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