

QED B133940

**MAGNAVIS**

## **MATERIAL SAFETY DATA SHEET**

**MAGNAFLUX® Magnetic Particle 2 Yellow**

### 1. **IDENTIFICATION**

Company: MAGNAFLUX  
Address: 3624 West Lake Avenue, Glenview, Illinois 60025  
Telephone No.: 847-657-5300 (Off-Hour Emergency Number - CHEMTREC - 1-800-424-9300).  
Product Use: Dry method magnetic particle inspection.  
NFPA Rating: Health 1, Flammability 0, Reactivity 0.  
PIN (Canada): None  
Revision Date: January 22, 2013

### 2. **HAZARDOUS INGREDIENTS**

<u>Ingredient</u>	<u>Wt./Wt. %</u>	<u>CAS #</u>	<u>TWA</u>	<u>PEL</u>	<u>LD<sub>50</sub></u>	<u>LC<sub>50</sub></u>
Iron	70-100	7439-89-6	10 mg/m3 (8 hours)	Not Avail.	Not Avail.	Not Avail.

### 3. **HAZARDS IDENTIFICATION**

#### **EMERGENCY OVERVIEW**

Dusty and gritty powder which can mechanically irritate the eye.

#### **POTENTIAL HEALTH EFFECTS**

Skin Contact: Avoid prolonged skin contact  
Eyes: Gritty material may scratch eyeball  
Inhalation: Not significant  
Ingestion: Unknown  
Medical conditions known to be aggravated by exposure to product: None

### 4. **FIRST AID**

Skin Contact: Wash with soap and water, use soothing lotion.  
Eyes: Rinse carefully under upper and lower eyelids using plenty of water.  
Inhalation: None.  
Ingestion: Do not induce vomiting.  
**NOTE:** In all severe cases, contact physician immediately. Local telephone operators can furnish number of regional poison control center.

### 5. **FIRE HAZARD**

Conditions of flammability: None  
Flash point: None  
Flammable limits in air: None  
Extinguishing media: None  
Special fire fighting procedures: None  
Hazardous combustion products: None  
Unusual fire hazards: None

### 6. **ACCIDENTAL RELEASE MEASURES**

Sweep up. (For disposal, see Section 13).

### 7. **HANDLING AND STORAGE**

Avoid breathing dust.  
Keep dry.

### 8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

Controls: Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Respiratory: Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Eyes: Safety eyewear complying with an approved standard should be used and selected based on the task being performed and the risks involved (avoid exposure to liquid splashes, mists, gases, or dusts) goggles should be used. Recommended: Safety glasses with side shields.



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Hands:

Recommended: Leather gloves

Skin/Body:

Personal protective equipment for the body should be selected based on the task being performed and the risks involved.

9. **PHYSICAL PROPERTIES**

Initial boiling point (bulk): Not applicable  
Percent volatile: None  
Density/sp. gravity: 3.0 - 4.0  
Water solubility: 0  
pH: Neutral

Vapor pressure: Not applicable  
Not applicable  
Evaporation rate: Not applicable  
Appearance: Yellow dusty powder  
Odor: None

10. **STABILITY AND REACTIVITY**

Stability: Stable  
Incompatibility: Acids  
Hazardous decomposition products: None  
Reactivity: None

11. **TOXICOLOGICAL INFORMATION**

Carcinogenicity: Contains no known or suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH.  
Threshold limit value: 5 mg/m<sup>3</sup> for respirable dust.  
WHMIS information (Canada): According to available information, the ingredients have not been found to show reproductive toxicity, teratogenicity, mutagenicity, skin sensitization, or synergistic toxic effects with other materials.

12. **ECOLOGICAL INFORMATION**

No data is available on 2 Yellow.

13. **DISPOSAL**

All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

14. **TRANSPORTATION**

U.S. DOT: 49 CFR 172.101 Hazardous Materials Table

	<u>Bulk</u>
Proper shipping name:	None, not restricted
Hazard class or division:	None
Identification No.:	None
Packing Group:	None

15. **REGULATORY INFORMATION**

TSCA: All ingredients are listed in TSCA inventory.  
CERCLA: Not reportable  
SARA TITLE III, Section 313: No reportable ingredients  
California Proposition 65: Contains nothing on this list  
WHMIS Class (Canada): Not a controlled product.  
Note: This MSDS has been prepared to meet WHMIS (Canada) requirements with the exception of using 16 headings.

16. **OTHER INFORMATION**

Revision Statement: Section 2, 3  
Supersedes: September 23, 2010

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