

## MATERIAL SAFETY DATA SHEET

MAGNAFLUX® MAGNETIC PARTICLE 8A RED

### 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.  
*Packages:* 1 lb. plastic jar, 7 lb., 25 lb., and 45 lb. plastic pails.  
*NFPA Rating:* Health 1, Flammability 0, Reactivity 0.  
*PIN (Canada):* None  
*Revision Date:* January 25, 2012

### 2. HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>Wt./Wt. %</u>	<u>CAS #</u>	<u>TLV</u>	<u>PEL</u>	<u>LD<sub>50</sub></u>	<u>LC<sub>50</sub></u>
Iron oxide	5-10	1309-37-1	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	>5g/kg(oral/rat)	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:* None.  
*Personal protection:* Respirator with filter if sprayed in enclosed, unventilated space.

### 9. PHYSICAL PROPERTIES

<i>Initial boiling point (bulk):</i>	Not applicable	<i>Vapor pressure:</i>	Not applicable
<i>Percent volatile:</i>	None	<i>Vapor density:</i>	Not applicable
<i>Density/sp. gravity:</i>	3.0 - 4.0	<i>Evaporation rate:</i>	Not applicable
<i>Water solubility:</i>	0	<i>Appearance:</i>	Reddish brown dusty powder
<i>pH:</i>	Neutral	<i>Odor:</i>	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 8A Red.

## 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**

*Proper shipping name:* Bulk  
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:* 13  
*Supersedes:* November 6, 2009