

MATERIAL SAFETY DATA SHEET

MAGNAGLO® MAGNETIC PARTICLE 14A

1. IDENTIFICATION

Company: MAGNAFLUX
Address: 3624 West Lake Avenue, Glenview, Illinois 60026
Telephone No.: 847-657-5300 (Off-Hour Emergency Number - CHEMTREC - 1-800-424-9300).
Product Use: Fluorescent magnetic particle inspection.
Packages: 1 lb plastic jar, 10 and 20 lb. plastic pails.
NFPA Rating: Health 1, Flammability 0, Reactivity 0.
PIN (Canada): None
Revision Date: April 15, 2011

2. HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>Wt./Wt. %</u>	<u>CAS #</u>	<u>TLV</u>	<u>PEL</u>	<u>LD₅₀</u>	<u>LC₅₀</u>
Iron oxide	60-100	1309-37-1	5 mg/m ³	5 mg/m ³	> 5g/kg(oral rat)	not avail.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

As a dry powder concentrate, 14A is a nuisance dust. When diluted and used as specified (one ounce per six gallons of vehicle) any hazards are due to the vehicle. See MSDS for WA-2B, WA-4, and Vehicle Carrier II.

POTENTIAL HEALTH EFFECTS

Skin Contact: None
Eyes: Gritty material may scratch eyeball
Inhalation: Not significant because 14A is used only when mixed into a liquid vehicle.
Ingestion: Not significant
Medical conditions known to be aggravated by exposure to product: None

4. FIRST AID

Skin Contact: None
Eyes: Rinse carefully under upper and lower eyelids using plenty of water.
Inhalation: None
Ingestion: None

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: If heated to flame temperature, 14A can smolder and emit noxious fumes.

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: 14A is dispersed in a vehicle when used. Controls should be those recommended for the vehicle (see MSDS for WA-2B, WA-4, or Vehicle Carrier II).
Personal protection: Respirator with filter if used in enclosed, unventilated space.
Nitrile rubber gloves if hand exposure is unavoidable.

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>		0.5 (bulk)	<i>Evaporation rate:</i> Not applicable
<i>Water solubility:</i>	0	<i>Appearance:</i>	Dusty brown powder
<i>pH:</i>	Neutral	<i>Odor:</i>	None

10. **STABILITY AND REACTIVITY**

Stability: Stable
Incompatibility: Acids
Hazardous decomposition products: Fumes, oxides of carbon and nitrogen if heated to combustion temperature.
Reactivity: None

11. **TOXICOLOGICAL INFORMATION**

Carcinogenicity: Contains no known or suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH.
Threshold limit value: 5 mg/m³ 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 14A.

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>
<i>Proper shipping name:</i>	None, not restricted
<i>Hazard class or division:</i>	None
<i>Identification No.:</i>	None
<i>Packing Group:</i>	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: Review Update
Supersedes: MSDS dated April 22, 2008