

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