

## MATERIAL SAFETY DATA SHEET

MAGNAFLUX® MAGNETIC PARTICLE 3A BLACK

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:* September 23, 2010

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>
NONE						

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>	Black granular powder
<i>pH:</i>	Neutral	<i>Odor:</i>	None

10. **STABILITY AND REACTIVITY**

<i>Stability:</i>	Stable
<i>Incompatibility:</i>	Acids
<i>Hazardous decomposition products:</i>	None
<i>Reactivity:</i>	None

11. **TOXICOLOGICAL INFORMATION**

<i>Carcinogenicity:</i>	Contains no known or suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH.
<i>Threshold limit value:</i>	5 mg/m <sup>3</sup> for respirable dust.
<i>WHMIS information (Canada):</i>	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 3A Black.

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**

<i>TSCA:</i>	All ingredients are listed in TSCA inventory.
<i>CERCLA:</i>	Not reportable
<i>SARA TITLE III, Section 313:</i>	No reportable ingredients
<i>California Proposition 65:</i>	Contains nothing on this list
<i>WHMIS Class (Canada):</i>	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**

<i>Revision Statement:</i>	section 13
<i>Supersedes:</i>	November 06, 2009