

## MATERIAL SAFETY DATA SHEET

MAGNAGLO® 410 REDI-BATH

### 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 gallon jugs.  
*NFPA Rating:* Health 2, Flammability 0, Reactivity 1.  
*PIN (Canada):* None  
*Revision Date:* September 17, 2010

### 2. INGREDIENTS

	<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>
Borax	1-5	1303-96-4	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	4.5g/kg (oral/rat)	Not avail.
Poly (oxy-1,2-ethanediyl), $\alpha$ - (nonylphenyl)- $\omega$ -hydroxy	1-5	9016-45-9	not avail.	not avail.	2 g/kg (oral/rat)	4.8 mg/L (96hr/Flathead Minnow)
Ethanol, 2,2',2''-nitrilotris	<1	102-71-6	not avail.	5 mg/m <sup>3</sup>	not avail.	not avail.

### 3. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**  
Alkaline liquid which can irritate eyes and skin.

#### POTENTIAL HEALTH EFFECTS

*Skin Contact:* May irritate by removing natural skin oils on long or repeated exposures.  
*Eyes:* May irritate.  
*Inhalation:* TLV for product not established. Mists may cause respiratory irritation.  
*Ingestion:* Do not ingest. Ingestion may cause gastrointestinal discomfort.  
*Medical conditions known to be aggravated by exposure to product:* None

### 4. FIRST AID

*Skin Contact:* Wash off with soap and water. Use soothing lotion.  
*Eyes:* Rinse carefully under upper and lower eyelids using plenty of water.  
*Inhalation:* If respiratory discomfort or irritation occurs, move the person to fresh air.  
*Ingestion:* If swallowed, induce vomiting immediately as directed by medical personnel.  
**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:* Over 300°F (149°C) (PMCC)  
*Flammable limits in air:* None  
*Extinguishing media:* Water  
*Special fire fighting procedures:* None  
*Hazardous combustion products:* Smoke, oxides of carbon and nitrogen.  
*Unusual fire hazards:* None

### 6. ACCIDENTAL RELEASE MEASURES

Mop up or sweep up with absorbent. (For disposal, see Section 13).

### 7. HANDLING AND STORAGE

Avoid eye contact.  
Avoid repeated or prolonged skin contact.  
Avoid breathing mists.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

*Controls:* None  
*Personal protection:* Nitrile rubber gloves if hand exposure is unavoidable.  
Safety glasses.

9. **PHYSICAL PROPERTIES**

<i>Initial boiling point (bulk):</i>	212°F (100°C)	<i>Vapor pressure:</i>	Not available
<i>Percent volatile: 79.2%</i>	<i>Vapor density:</i>	Not available	
<i>Density/sp. gravity:</i>	1.07	<i>Evaporation rate:</i>	Like water
<i>Water solubility:</i>	Completely miscible	<i>Appearance:</i>	Brown viscous liquid
<i>pH:</i>	8.5-10	<i>Odor:</i>	Slight ammonia odor

10. **STABILITY AND REACTIVITY**

<i>Stability:</i>	Stable
<i>Incompatibility:</i>	Acids
<i>Hazardous decomposition products:</i>	If heated to combustion temperature, smoke, and oxides of carbon and nitrogen.
<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>	Not established
<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 410 Redi-Bath.

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**

<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>	Warning: This material may contain trace amounts of chemicals known to the state of California to cause cancer and/or birth defects and/or reproductive harm.
<i>WHMIS Class (Canada):</i>	D-2B
<b>Note:</b>	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>	September 5, 2007