

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 5, 2007

2. INGREDIENTS

	<u>Wt./Wt. %</u>	<u>CAS #</u>	<u>TLV</u>	<u>PEL</u>	<u>LD₅₀</u>	<u>LC₅₀</u>
Borax	1-5	1303-96-4	5 mg/m ³	10 mg/m ³	4.5g/kg (oral/rat)	Not avail.
Poly (oxy-1,2-ethanediyl), α - (nonylphenyl)- ω -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''-nitritoltris	<1	102-71-6	not avail.	5 mg/m ³	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:</i>	79.2%	<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

Dispose of as ordinary waste.

<i>RCRA:</i>	Not a hazardous waste
<i>U.S. EPA Waste Number:</i>	None

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

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>	Review
<i>Supersedes:</i>	October 26, 2004
<i>Prepared by:</i>	Tamie Simmons, Research Manager