

MATERIAL SAFETY DATA SHEET

MAGNAGLO® 14A 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: 27 fluid ounce and 1 gallon plastic bottles.
NFPA Rating: Health 2, Flammability 0, Reactivity 1.
PIN (Canada): None
Revision Date: September 7, 2010

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>
Alcohols, C6-10, Ethoxyl	1-5	68987-81-5	not avail.	not avail.	not avail.	not avail.
Triethanolamine	1-3	102-71-6	5mg/m ³	not avail.	4.92 ml/kg (oral/rat)	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. May cause irritation or dermatitis in some individuals.
Eyes: May irritate. Symptoms may include tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling of grittiness.
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
Warning: This product contains Triethanolamine. Repeated exposure may cause liver and kidney damage.

4. **FIRST AID**

Skin Contact: Wash off with soap and water. Get medical attention if irritation develops or persists.
Eyes: Rinse carefully under upper and lower eyelids using plenty of water for 15 mins. Get medical attention if irritation develops or persists.
Inhalation: If respiratory discomfort or irritation occurs, move the person to fresh air.
Ingestion: If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

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.
Contains alkanolamines, do not mix with nitrite-containing materials due to the possible formation of nitrosamines which have been found to cause cancer in laboratory animals.

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

Controls: Good general ventilation should be sufficient to control airborne levels
Personal protection: Nitrile rubber gloves if hand exposure is unavoidable.
 Safety glasses with side shields or goggles
 A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

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**

Stability: Stable under normal storage conditions
Incompatibility: Avoid strong oxidizing and reducing agents, strong alkali and nitrites.
Hazardous decomposition products: If heated to combustion temperature, smoke, and oxides of carbon and nitrogen.
Reactivity: None

11. **TOXICOLOGICAL INFORMATION**

Carcinogenicity: Contains no known or suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH.
Threshold limit value: Not established
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 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..

RCRA: Not a hazardous waste
U.S. EPA Waste Number: None

14. **TRANSPORTATION**

U.S. DOT: 49 CFR 172.101 Hazardous Materials Table

Proper shipping name: None, not restricted
Hazard class or division: None
Identification No.: None
Packing Group: 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: 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.

WHMIS Class (Canada): D-2B
Note: This MSDS has been prepared to meet WHMIS (Canada) requirements with the exception of using 16 headings.

16. **OTHER INFORMATION**

Revision Statement: Section 3,4,7,8,10,13
Supersedes: September 5, 2007