

## MATERIAL SAFETY DATA SHEET

### MAGNAGLO® WATER CONDITIONER WA-2B

#### 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:* Water Conditioner.  
*Packages:* 5 and 30 pound plastic pails  
*NFPA Rating:* Health 1, Flammability 0, Reactivity 0.  
*PIN (Canada):* None  
*Revision Date:* November 16, 2005

#### 2. 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>
Borax	60-100	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-ethanediy), $\alpha$ -(nonylphenyl)- $\omega$ -hydroxy	3-7	9016-45-9	not avail.	not avail.	2 g/kg (oral/rat)	not avail.
5-Decyne-4,7-diol,2,4,7,9-tetramethyl	1-5	126-86-3	not avail.	not avail.	4 g/kg (oral/rat)	20 mg/L (1hr/rat)

#### 3. HAZARDS IDENTIFICATION

##### EMERGENCY OVERVIEW

As a dry powder, WA-2B is a nuisance dust. When diluted for use (from one to one and a half ounces per gallon of water) it is an alkaline solution.

#### POTENTIAL HEALTH EFFECTS

*Skin Contact:* Can irritate in dry powder form.  
*Eyes:* Irritating in dry powder form.  
*Inhalation:* Not significant because WA-2B is mixed with water when in use.  
*Ingestion:* Not significant in small (mouthful) amounts.  
*Medical conditions known to be aggravated by exposure to product:* None

#### 4. FIRST AID

*Skin Contact:* Rinse off with water. Use soothing lotion.  
*Eyes:* Rinse carefully under upper and lower eyelids using plenty of water.  
*Inhalation:* Not applicable.  
*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:* Not applicable  
*Special fire fighting procedures:* None  
*Hazardous combustion products:* None  
*Unusual fire hazards:* None

#### 6. ACCIDENTAL RELEASE MEASURES

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

#### 7. HANDLING AND STORAGE

Avoid breathing dust.  
Avoid repeated or prolonged skin contact with aqueous WA-2B solution.  
Avoid eye contact with powder.

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

*Controls:* None  
*Personal protection:* Wear nitrile rubber gloves if hand exposure is unavoidable.

9. **PHYSICAL PROPERTIES**

<i>Initial boiling point (bulk):</i>	None	<i>Vapor pressure:</i>	None
<i>Percent volatile:</i>	None	<i>Vapor density:</i>	Not applicable
<i>Density/sp. gravity:</i>	1.2 (bulk)	<i>Evaporation rate:</i>	None
<i>Water solubility:</i>	3%	<i>Appearance:</i>	White powder
<i>pH:</i>	9.0 (1% in water)	<i>Odor:</i>	None

10. **STABILITY AND REACTIVITY**

*Stability:* Stable  
*Incompatibility:* None  
*Hazardous decomposition products:* None  
*Reactivity:* None

11. **TOXICOLOGICAL INFORMATION**

*Carcinogenicity:* Contains no known or suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH.  
*Threshold limit value:* 5 mg/m<sup>3</sup> 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 WA-2B.

13. **DISPOSAL**

Dispose of as ordinary waste.

*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):* Powder: 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: 1  
*Supersedes:* MSDS dated 10/26/04  
*Prepared by:* Shawn Kilty, Research Chemist