

section 1 – Preparation / Product Information

manufactured for and supplied by: **Harwick Standard Distribution Corporation**
60 South Seiberling Street
P.O. Box 9360
Akron, OH 44305-0360

telephone no: **(330) 798-9300**

date prepared: June 23, 2003

preparer: **Health, Safety & Environment**

section 2 – Ingredients / Identity Information

components chemical identity/cas#	exposure limits			toxicity LD50/LC50	amount %
	PEL	TLV	OTHER		
Magnesium Oxide CAS# 1309-48-4	15mg/m ³	10mg/m ³ , A4			93-100

section 3 – Physical / Chemical Characteristics

boiling point:	Not Determined	specific gravity:	Not Determined
freezing point:	Not Determined	pH:	10.3 basic in saturated solution
vapor pressure (mm Hg):	Not Determined	odor threshold (ppm):	Not Determined
vapor density (AIR=1):	Not Determined	coef. water/oil dist.:	Not Determined
solubility in water	Practically insoluble	evaporation rate:	Not Determined
appearance (physical state) and odor:		Solid; White powder	
		Odor; odourless	

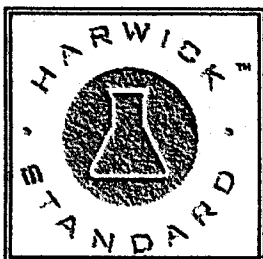
section 4 – Fire and Explosion Hazard Data

flash point (method): Not Determined

extinguishing media: Material is not combustible. Use extinguishing media appropriate to surrounding fire conditions.

special fire fighting procedures: Wear self-contained breathing apparatus and protective clothing.

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unusual fire and explosion hazards: None known

hmis rating: 0

hazardous combustion products: None known

section 5 – Reactivity Data

stability **stable:**
 unstable:

conditions to avoid (cond. of reactivity): Sensitive to moisture and air. Absorbs CO2 from air.
Reacts with water and releasing heat to form magnesium hydroxide in an exothermic reaction.

incompatibility (materials to avoid): Reacts with acids

hazardous decomposition or byproducts: None known

hazardous polymerization may occur:
 will not occur:

conditions to avoid: None known

hmis rating: 1

section 6 – Health Hazard Data

primary routes of exposure

inhalation	<input checked="" type="checkbox"/>	skin contact	<input checked="" type="checkbox"/>	eye contact	<input checked="" type="checkbox"/>
skin absorption	<input type="checkbox"/>	ingestion	<input checked="" type="checkbox"/>		

health hazards

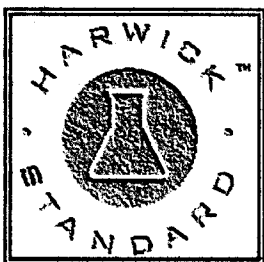
acute: May cause eye, skin and/or respiratory tract irritation.

chronic: Inhalation of dust is harmful. Harmful if swallowed in large quantities.

carcinogenicity

NTP **IARC** **OSHA**

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signs and symptoms of exposure: See Health Hazards above.

medical conditions generally aggravated by exposure: None known

hmis rating: 1

section 7 – First Aid Measures

emergency and first aid procedures

inhalation: Wear protective measures and remove the victim from the exposure area to a ventilated area. Have victim lie or sit comfortably. If victim has difficulty in breathing, have them sit with back straight and administer oxygen, if possible. If victim is unconscious, perform resuscitation. Immediately transfer to medical personnel.

ingestion: If victim is conscious, give three glasses of water. Keep giving the victim water (one glass every 10 minutes) according to the severity. Never give an unconscious person anything to drink. Refer to medical attention as soon as possible.

skin contact: Remove contaminated clothing and shoes unless stuck to skin. Rinse with large amounts of water and then water and soap for at least 10 minutes. Locate possible burn signs and refer for medical treatment if necessary.

eye contact: Holding the eyelids apart, flush eyes promptly with copious flowing water for at least 20 minutes. Get medical attention immediately.

section 8 – Precautions for Safe Handling and Use

steps to be taken in case material is

released or spilled: Scoop up and place in a suitable container for waste disposal or possible reuse.

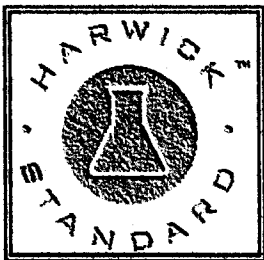
waste disposal method: In accordance with federal, state, and local regulations. Refer to Section 10.

precautions to be taken in handling and storing:

Do not breathe dust. Keep away from all sources of ignition. Keep in original sealed packaging in a dry, cool and ventilated area away from incompatible materials (see "materials to avoid").

other precautions: Avoid contact with eyes, skin, and clothing.

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section 9 – Control Measures

respiratory protection (specify type): necessary. A NIOSH/MSHA approved respirator above PEL or TLV or as necessary.

ventilation

local exhaust:

Recommended to minimize exposure.

mechanical (general):

Recommended to minimize exposure.

protective gloves:

Impervious

eye protection:

Safety glasses, or chemical goggles may be required.

other protective clothing or equipment:

Body covering clothes and boots. Eyewash station

work/hygienic practices:

Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.

section 10 – Additional Information

special shipping information: Not DOT Regulated

TSCA Inventory Status:

Chemical components are listed on the TSCA inventory.

sara title III

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:

None known

RCRA status

The following chemical components are listed under (40 CFR 261):

None known

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