

# Material Safety Data Sheet



PINNACLE MARBLE POLISH PASTE

## 1. Product and company identification

Trade name of product : PINNACLE MARBLE POLISH PASTE  
Product use : Floor care product

Product dilution information : Not applicable

Supplier's information : Ecolab Inc. Institutional Division  
370 N. Wabasha Street  
St. Paul, MN 55102  
1-800-352-5326

Code : 904007-03

Date of issue : 17-May-2013

**EMERGENCY HEALTH INFORMATION: 1-800-328-0026**  
**Outside United States and Canada CALL 1-651-222-5352 (in USA)**

## 2. Hazards identification

**Product AS SOLD**  
**Physical state** : paste  
**Emergency overview** : DANGER !  
  
CAUSES EYE BURNS.  
MAY BE HARMFUL IF SWALLOWED.  
Do not ingest. Do not get in eyes. Wash thoroughly after handling.

**Product AT USE DILUTION**  
Product is sold ready to use.

### Potential acute health effects

**Product AS SOLD**  
**Eyes** : Corrosive to eyes.  
**Skin** : Slightly irritating to the skin.  
**Inhalation** : No known significant effects or critical hazards.  
**Ingestion** : May be harmful if swallowed.

**Product AT USE DILUTION**  
Product is sold ready to use.

See toxicological information (Section 11)

## 3. Composition/information on ingredients

### Product AS SOLD

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
ALUMINA	1344-28-1	15
potassium hydrogen oxalate	127-95-7	>50
fatty acids, vegetable-oil, compds. with ethanolamine	68783-56-2	5 - 20
dipropylene glycol methyl ether	34590-94-8	1 - 5

### Product AT USE DILUTION

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
Product is sold ready to use.		

## 4. First aid measures

	Product AS SOLD
<b>Eye contact</b>	: In case of contact, immediately flush eyes with cool running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes. Get medical attention immediately.
<b>Skin contact</b>	: Rinse with water for a few minutes. Apply calcium gluconate gel, if available, or milk of magnesia to affected area.
<b>Inhalation</b>	: No special measures required. Treat symptomatically.
<b>Ingestion</b>	: Rinse mouth; then drink one or two large glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. If available, take several calcium antacid tablets (eg Tums) or several tablespoons of milk of magnesia. Get medical attention immediately.

**Product AT USE DILUTION**  
Product is sold ready to use.

## 5. Fire-fighting measures

### Product AS SOLD

<b>Hazardous thermal decomposition products</b>	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides metal oxide/oxides
<b>Fire-fighting media and instructions</b>	: Use an extinguishing agent suitable for the surrounding fire.  Dike area of fire to prevent runoff. No specific fire or explosion hazard.
<b>Special protective equipment for fire-fighters</b>	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## 6. Accidental release measures

	Product AS SOLD
<b>Personal precautions</b>	: Use personal protective equipment as required.
<b>Environmental precautions</b>	: Avoid contact of spilled material and runoff with soil and surface waterways.
<b>Methods for cleaning up</b>	: Use a water rinse for final clean-up.

**Product AT USE DILUTION**  
Product is sold ready to use.

## 7. Handling and storage

	Product AS SOLD
<b>Handling</b>	: Do not ingest. Do not get in eyes. Wash thoroughly after handling.
<b>Storage</b>	: Keep out of reach of children. Store in a closed container. Keep container tightly closed. Store between the following temperatures: 0 and 50°C

**Product AT USE DILUTION**  
Product is sold ready to use.

## 8. Exposure controls/personal protection

	Product AS SOLD	Product AT USE DILUTION
<b>Engineering measures</b>	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.	Product is sold ready to use.
<b>Personal protection</b>		
<b>Eyes</b>	: Use chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.	Product is sold ready to use.
<b>Hands</b>	: No protective equipment is needed under normal use conditions.	
<b>Skin</b>	: No protective equipment is needed under normal use conditions.	
<b>Respiratory</b>	: No special protection is required.	

Ingredient	Exposure limits
ALUMINA	<p><b>NIOSH REL (United States, 6/2009).</b> TWA: 5 mg/m<sup>3</sup>, (as Al) 10 hours. Form: PYRO POWDERS AND WELDING FUMES</p> <p><b>OSHA PEL (United States, 6/2010).</b> TWA: 5 mg/m<sup>3</sup> 8 hours. Form: Respirable fraction TWA: 15 mg/m<sup>3</sup> 8 hours. Form: Total dust</p> <p><b>ACGIH TLV (United States, 3/2012).</b> TWA: 1 mg/m<sup>3</sup> 8 hours. Form: Respirable fraction</p>
dipropylene glycol methyl ether	<p><b>ACGIH TLV (United States, 3/2012). Absorbed through skin.</b> STEL: 909 mg/m<sup>3</sup> 15 minutes. STEL: 150 ppm 15 minutes. TWA: 606 mg/m<sup>3</sup> 8 hours. TWA: 100 ppm 8 hours.</p> <p><b>OSHA PEL (United States, 6/2010). Absorbed through skin.</b> TWA: 600 mg/m<sup>3</sup> 8 hours. TWA: 100 ppm 8 hours.</p> <p><b>NIOSH REL (United States, 6/2009). Absorbed through skin.</b> TWA: 100 ppm 10 hours. TWA: 600 mg/m<sup>3</sup> 10 hours. STEL: 150 ppm 15 minutes. STEL: 900 mg/m<sup>3</sup> 15 minutes.</p>

## 9. Physical and chemical properties

	Product AS SOLD	Product AT USE DILUTION
<b>Physical state</b>	: paste	Product is sold ready to use.
<b>Flash point</b>	: > 100°C	
<b>Color</b>	: Amber	
<b>Odor</b>	: Sweetish	
<b>pH</b>	: 1.825 [Conc. (% w/w): 100%]	
<b>Relative density</b>	: 1.6	
<b>Solubility</b>	: Partially soluble in the following materials: cold water and hot water.	

## 10. Stability and reactivity

### Product AS SOLD

- Stability** : The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.
- Reactivity** : Reactive or incompatible with the following materials: organic materials, acids and alkalis.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- Hazardous polymerization** : Under normal conditions of storage and use, hazardous polymerization will not occur.

## 11. Toxicological information

### Potential acute health effects

#### Product AS SOLD

- Eyes** : Corrosive to eyes.
- Skin** : Slightly irritating to the skin.
- Inhalation** : No known significant effects or critical hazards.
- Ingestion** : May be harmful if swallowed.

#### Product AT USE DILUTION

Product is sold ready to use.

### Product AS SOLD

#### Other adverse effects

- Target organs** : Contains material which may cause damage to the following organs: lungs, the nervous system, upper respiratory tract, central nervous system (CNS).

## 12. Ecological information

- Ecotoxicity** : Not reported

## 13. Disposal considerations

#### Product AS SOLD

- Waste disposal** : Avoid disposal. Attempt to use product completely in accordance with intended use. Disposal should be in accordance with applicable regional, national and local laws and regulations.

- RCRA classification** : Unused product is D002 (Corrosive)

#### Product AT USE DILUTION

Product is sold ready to use.

## 14. Transport information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

### Product AS SOLD

#### DOT

- DOT Classification** : Not regulated.

#### IMO/IMDG

- IMO/IMDG Classification** : Not regulated.

For transport in bulk, see shipping documents for specific transportation information.

## 15. Regulatory information

**Product AS SOLD**

**HCS Classification** : Corrosive material  
Target organ effects

**Product AS SOLD**

**U.S. Federal regulations**

**TSCA 8(b) inventory** : All components are listed or exempted.

**SARA 302/304/311/312 extremely hazardous substances:** No listed substance

**SARA 302/304 emergency planning and notification:** No listed substance

**SARA 313**

**Product name**

**CAS number**

**Concentration**

**Form R - Reporting requirements** : aluminium oxide

1344-28-1

7.4927 - 22.478

**California Prop. 65** : No listed substance

**Product AT USE DILUTION**

Product is sold ready to use.

## 16. Other information

**Product AS SOLD**

**Hazardous Material Information System (U.S.A.)** :

Health	*	3
Flammability		0
Physical hazards		0

**National Fire Protection Association (U.S.A.)** :



**Date of issue** : 17-May-2013

**Responsible name** : Regulatory Affairs  
1-800-352-5326

Indicates information that has changed from previously issued version.

**Notice to reader**

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.