

Material Safety Data Sheet



PINNACLE MARBLE POLISH PASTE

Section 1. Chemical product and company identification

Trade name : PINNACLE MARBLE POLISH PASTE
Product use : Floor care product
Supplier : Ecolab Inc.
370 N. Wabasha St.
St. Paul, MN 55102
1-800-352-5326
Code : 904007-03
Date of issue : **07-May-2009**

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

Section 2. Hazards identification

Physical state : Liquid. [paste]
Emergency overview : DANGER !

CAUSES EYE AND SKIN IRRITATION.
MAY BE FATAL IF SWALLOWED.
MAY BE HARMFUL IF ABSORBED THROUGH SKIN.
Do not ingest. Avoid contact with eyes, skin and clothing. Keep container closed. Wash thoroughly after handling.

Potential acute health effects

Eyes : Irritating to eyes.
Skin : MAY BE HARMFUL IF ABSORBED THROUGH SKIN. Irritating to skin.
Inhalation : No known significant effects or critical hazards.
Ingestion : May be fatal if swallowed.

See toxicological information (section 11)

Section 3. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
ALUMINA	1344-28-1	15
potassium hydrogen oxalate	127-95-7	>50

Section 4. First aid measures

Eye contact : 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 if irritation persists.

Skin contact : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Apply calcium gluconate gel, if available, or milk of magnesia to affected area. Get medical attention immediately. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation : If inhaled, remove to fresh air.

Ingestion : 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.

Section 5. Fire-fighting measures

- Flash point** : > 100°C
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides
metal oxide/oxides
- Fire-fighting media and instructions** : Use an extinguishing agent suitable for the surrounding fire.

Dike area of fire to prevent runoff.
No specific fire or explosion hazard.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

- Personal precautions** : Use suitable protective equipment (section 8). Do not allow to enter drains or watercourses.
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- Methods for cleaning up** : Absorb with an inert material and place in an appropriate waste disposal container.

Section 7. Handling and storage

- Handling** : Do not ingest. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
- Storage** : Keep out of reach of children. Keep container in a cool, well-ventilated area. Keep container tightly closed.
Do not store below the following temperature: -5°C

Section 8. Exposure controls/personal protection

- Engineering measures** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protection :

- Eyes** : Wear eye protection.
- Hands** : Use chemical-resistant, impervious gloves.
- Skin** : Wear suitable protective clothing.
- Respiratory** : A respirator is not needed under normal and intended conditions of product use.

Name
ALUMINA

Exposure limits

NIOSH REL (United States, 6/2008).

TWA: 5 mg/m³, (as Al) 10 hour(s). Form: PYRO POWDERS AND WELDING FUMES

OSHA PEL (United States, 11/2006).

TWA: 5 mg/m³ 8 hour(s). Form: Respirable fraction
TWA: 15 mg/m³ 8 hour(s). Form: Total dust

Section 9. Physical and chemical properties

Physical state	: Liquid. [paste]
Color	: Amber.
Odor	: Sweetish.
pH	: 1.825 [Conc. (% w/w): 100%]
Relative density	: 1.6
Solubility	: Partially soluble in the following materials: cold water and hot water.

Section 10. Stability and reactivity

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.

Section 11. Toxicological information

Potential acute health effects

Eyes	: Irritating to eyes.
Skin	: MAY BE HARMFUL IF ABSORBED THROUGH SKIN. Irritating to skin.
Inhalation	: No known significant effects or critical hazards.
Ingestion	: May be fatal if swallowed.

Potential chronic health effects

Target organs	: Contains material which causes damage to the following organs: kidneys, the nervous system, heart. Contains material which may cause damage to the following organs: lungs, upper respiratory tract.
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Section 12. Ecological information

Ecotoxicity data	: Not reported
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Section 13. Disposal considerations

Waste disposal	: The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
Waste classification	: Unused product is D002 (Corrosive)

Consult your local or regional authorities.

Section 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.

UN Classification Not regulated.

See shipping documents for specific transportation information.

Section 15. Regulatory information

HCS Classification : Irritating material
Target organ effects

U.S. Federal regulations

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

SARA 302/304/311/312 extremely hazardous substances: No products were found.

SARA 302/304 emergency planning and notification: No products were found.

SARA 313

Form R - Reporting requirements

Product name

: ALUMINA

CAS number

1344-28-1

Concentration

7.4927 - 22.478

California Prop. 65 : No products were found.

Section 16. Other information

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

Health	*	3
Flammability		0
Physical hazards		0

Date of issue : 07-May-2009.

Responsible name : Regulatory Affairs

Date of previous issue : 22-May-2006.

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.