

SAFETY DATA SHEET

STONEMEDIC MPC MARBLE POLISHING COMPOUND

Section 1. Chemical product and company identification

Product name : STONEMEDIC MPC MARBLE POLISHING COMPOUND
 Recommended use and restrictions : Floor care product

Use only for the purpose on the product label.

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 : 911095

Date of issue : 15 Jul 2013

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

Section 2. Hazards identification

Product AS SOLD
 GHS Classification : CORROSIVE TO METALS - Category 1
 ACUTE TOXICITY: ORAL - Category 4
 SKIN CORROSION/IRRITATION - Category 1
 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1

GHS label elements

Signal word : Danger

Symbol :



Hazard statements : May be corrosive to metals.
 Harmful if swallowed.
 Causes severe skin burns and eye damage.

Precautionary statements

Prevention : Wear protective gloves. Wear eye or face protection. Wear protective clothing. Keep only in original container. Wash hands thoroughly after handling.

Response : Absorb spillage to prevent material damage. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician. IF SWALLOWED: Immediately call a POISON CENTER or physician. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse.

Product AT USE DILUTION

Product is sold ready to use.

Section 2. Hazards identification

Immediately call a POISON CENTER or physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.

Storage : Store in corrosive resistant container with a resistant inner liner.

Disposal : See section 13 for waste disposal information.

Other hazards : None known.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Product AS SOLD

Hazardous ingredients	Concentration Range (%)	CAS number
ALUMINA	16	1344-28-1
potassium hydrogen oxalate	>50	127-95-7
fatty acids, vegetable-oil, compds. with ethanolamine	1 - 5	68783-56-2
dipropylene glycol methyl ether	1 - 5	34590-94-8

Product AT USE DILUTION

Hazardous ingredients	Concentration Range (%)	CAS number
Product is sold ready to use.		

Section 4. First aid measures

	Product AS SOLD	Product AT USE DILUTION
Eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.	Product is sold ready to use.
Skin contact	: Take off immediately all contaminated clothing. Rinse skin with water or shower. Get medical attention immediately. Wash clothing before reuse. Clean shoes thoroughly before reuse.	
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention immediately.	
Ingestion	: Get medical attention immediately. Rinse mouth. Do not induce vomiting.	
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.	
Notes to physician	: In case of Inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.	
See toxicological information (section 11)		

Section 5. Fire-fighting measures

Product AS SOLD

Suitable fire extinguishing media : Use water spray, fog or foam.

Specific hazards arising from the chemical : No specific fire or explosion hazard.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides
metal oxide/oxides

Specific fire-fighting methods : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

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

Product AS SOLD

Personal precautions : Initiate company's spill response procedures immediately. Keep people out of area. Put on appropriate personal protective equipment (see section 8). Do not touch or walk through spilled material.

Environmental precautions : Avoid contact of spilled material and runoff with soil and surface waterways.
Methods for cleaning up : Follow company's spill procedures. Keep people away from spill. Put on appropriate personal protective equipment (see section 8). Absorb/neutralize liquid material. Use a tool to scoop up solid or absorbed material and put into appropriate labeled container. Use a tool to scoop up solid or absorbed material and place into appropriate labeled waste container. Use a water rinse for final clean-up.

Product AT USE DILUTION

Product is sold ready to use.

Section 7. Handling and storage

Product AS SOLD

Handling : Do not ingest. Do not get in eyes or on skin or clothing. Use only with adequate ventilation. Wash thoroughly after handling.

Storage : Keep out of reach of children. Keep container tightly closed.

Store between the following temperatures: 0 and 50°C

Product AT USE DILUTION

Product is sold ready to use.

Control parameters

<p>Appropriate engineering controls</p>	<p>Product AS SOLD</p> <ul style="list-style-type: none"> : 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. 	<p>Product AT USE DILUTION</p> <p>Product is sold ready to use.</p>
<p><u>Personal protection</u></p>		
<p>Eye protection</p>	<ul style="list-style-type: none"> : Use chemical splash goggles. For continued or severe exposure wear a face shield over the goggles. 	
<p>Hand protection</p>	<ul style="list-style-type: none"> : Use chemical-resistant, impervious gloves. 	
<p>Skin protection</p>	<ul style="list-style-type: none"> : Use synthetic apron, other protective equipment as necessary to prevent skin contact. 	
<p>Respiratory protection</p>	<ul style="list-style-type: none"> : A respirator is not needed under normal and intended conditions of product use. 	
<p>Hygiene measures</p>	<ul style="list-style-type: none"> : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. 	

Section 9. Physical and chemical properties

	Product AS SOLD
Physical state	: paste
Color	: Amber
Scent	: citrus
Boiling point	: 1 to 1.5 (100%)
Flash point	: > 100°C
Explosion limits	: Not available.
Flammability (solid, liquids)	: Not available.
Boiling point	: Not available.
Boiling point	: >100°C (>212°F)
Vaporization rate (ethyl acetate = 1)	: Not available.
Vapor pressure	: Not available.
Vapor density	: Not available.
Relative density	: 1.4 to 1.8 (Water = 1)
Solubility	: Partially soluble in the following materials: cold water and hot water.
Irritation coefficient: octanol/water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Corrosion threshold	: Not available.
Acidity	: Not available.

Product AT USE DILUTION
Product is sold ready to use

Section 10. Stability and reactivity

	Product AS SOLD
Stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: No specific data.
Materials to avoid	: Reactive or incompatible with the following materials: alkalis.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Route of exposure : Skin contact, Eye contact, Inhalation, Ingestion

	Product AS SOLD
Symptoms	
After contact	: Adverse symptoms may include the following: pain watering redness
On contact	: Adverse symptoms may include the following: pain or irritation redness blistering may occur

Product AT USE DILUTION

Product is sold ready to use

Section 11. Toxicological information

Inhalation : Adverse symptoms may include the following:
coughing
Respiratory tract irritation

Ingestion : Adverse symptoms may include the following:
stomach pains

Acute toxicity

Eye contact : Causes serious eye damage.

Skin contact : Causes severe burns.

Inhalation : May cause respiratory irritation.

Ingestion : Harmful if swallowed. May cause burns to mouth, throat and stomach.

Toxicity data

Product/Ingredient name

potassium hydrogen oxalate	LD50 Dermal	Rat	1500 mg/kg
	LD50 Oral	Rat	375 mg/kg
dipropylene glycol methyl ether	LD50 Dermal	Rabbit	9510 mg/kg
	LD50 Oral	Rat	5135 mg/kg

Chronic toxicity

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : No known significant effects or critical hazards.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

Section 12. Ecological information

Product AS SOLD

Ecotoxicity : No known significant effects or critical hazards.

Aquatic and terrestrial toxicity

Product/Ingredient name	Result	Species	Exposure
potassium hydrogen oxalate	Acute LC50 137 mg/l	Daphnia	48 hours
dipropylene glycol methyl ether	Acute LC50 >1000 mg/l	Fish	96 hours

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Product AS SOLD

Disposal methods : 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)

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Product is sold ready to use

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.

DOT

DOT Classification : Not regulated.

IMO/IMDG

IMO/IMDG Classification : Not regulated.