

**1. IDENTIFICATION OF PRODUCT AND COMPANY**

Product name and/or code: Marble Polish Intended use: polish and sealing marble surfaces

Name & address of Company: HydraChem Ltd.,  
Gillmans Industrial Estate  
Billingshurst  
West Sussex RH14 9EZ

Emergency phone no.: +44 403 787700

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Substances presenting a health hazard within the meaning of EEC Directive 91/155.

Product name	CAS No	Conc Range	R phrases	Symbol	MEL/OES
Oxalic Acid	144-62-7	2% w/w			OES

**3. HAZARDS IDENTIFICATION OF THE PREPARATION**

Effect on Skin: No effect  
 Effect on Eyes: Slightly irritant  
 Effect on Ingestion: The product contains oxalic acid 2%. Because of the very low concentration to be harmless (LD50 oxalic acid 375mg/kg).  
 Effect On Inhalation: Unlikely route of exposure. The product is not volatile.

**4. FIRST AID MEASURES**

Eye Contact: Remove any contact lenses. Immediately flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.  
 Skin Contact: Not required  
 Ingestion: Immediately rinse mouth, then drink plenty of water or milk. Do not induce vomiting. Seek medical attention.  
 Inhalation: Not required.

**5. FIRE-FIGHTING MEASURES****Special Fire or Explosion Hazards**

Product is not flammable.

**Suitable Extinguishing Media:**

Pressurised water or other suitable media consistent with any nature of fire.

**6. ACCIDENTAL RELEASE MEASURES.**

Refer to section 8 for personal protection when handling spillage's.  
 Any spillage's should be cleaned up as soon as possible. Absorb material on inert material or dilute with water before disposal in accordance with locally valid disposal regulations.

**7. HANDLING AND STORAGE.****Recommended Storage Conditions**

The paste may show a little separation on prolonged storage. Shake well before using.

**Recommended Handling Precautions**

Shake well before using. Avoid contact with eyes, skin and clothing. Wear chemical resistant gloves.  
 Wash thoroughly after handling.  
 Use protective equipment recommended in section 8.  
 Keep bottle tightly closed.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory Protection: Not considered to be necessary but any dust in breathing zone cannot be controlled with ventilation wear an officially approved respirator (NIOSH/MSHA or equivalent agency) for protection against airborne dust.  
 Ventilation: Use local exhaust ventilation where appropriate.  
 Eye Protection: If airborne concentrations are high, wear appropriate protective goggles. Wash eyes with clean water where there is potential eye contact.  
 Skin Protection: Wear protective gloves, especially when handling large bulk quantities.

**HSE Occupational Exposure Limits (EH40/ 2001)**

Long term exposure limit to oxalic acid (ILV)– (8 hrs TWA) 1mg m  
 Short term exposure limit to oxalic acid (ILV)– (10 minutes) 2 mg m

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: White paste  
 Odour: Odourless  
 pH: As is – not applicable  
 pH: 1.5 at 10%  
 Solubility: Dispersible in all concentrations.  
 Oxidising Properties: N/A  
 Flash Point: Not flashing  
 Flammability: Not flammable  
 Auto Flammability: Not autoflammable  
 Explosion Properties: Not explosive  
 Boiling point: 100°C  
 Specific gravity: 1.267  
 Viscosity: 2500 cps (25°C)

**10. STABILITY AND REACTIVITY****Conditions to Avoid**

Do not mix with other polishes.  
Cannot be used on synthetic marble.

**11. TOXICOLOGICAL INFORMATION**

Toxicological Data: Oxalic acid

Oral LD50 (rat) 375mg/kg for pure oxalic acid. The product contains only 2% oxalic acid.

**Carcinogenicity.**

This chemical is not considered to be carcinogenic by any reference source

**12. ECOLOGICAL INFORMATION**

Biodegradability of surfactants: over 90 %

Aquatic toxicity: The product contains ionic surfactants in a concentration inferior to 5%. (LC50 Brachydanio rerio=2-11 mg/l; LC Dafnia = 4-50 mg/l  
Algae inhibition= 20-50 mg).

**13. DISPOSAL CONSIDERATIONS**

Refer to section 6, then :-

Disposal should be done in accordance with all official regulations.

**14. TRANSPORT INFORMATION**

UN Number: N/A  
Packing Group: N/A  
IMDG Code: N/A  
IMDG Page: N/A  
ADR/RID: N/A  
ICAO/IATA: N/A

**15. REGULATORY INFORMATION**

Label for supply: Not classified as hazardous to user

Safety Phrases:

S2 Keep out of reach of children  
S24/25 Avoid contact with eyes and skin

Regulatory References: The Chemicals (Hazard Information & Packaging) Regulations 1994 (as amended).

**16. OTHER INFORMATION**

The information herein is based on data considered to be accurate as of the date of preparation of the Material Safety Data Sheet. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the foregoing data and safety information. The user assumes all liability for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.