



## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name: GLOMARBLE**

**Product Use:** Liquid for marble floor treatment procedure known as crystalisation.

Miro's General Cleaning Services P/L trading as ATOMIC CHEMICALS

A.C.N 005 300 201 / A.B.N 77 005 300 201

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**Emergency Telephone Number: 13 11 26**

## 2. HAZARDS IDENTIFICATION

**GHS Classification:** Skin Corrosion/Irritation, Category 1B

Specific Target Organ Toxicity (Single Exposure), Category 2

**Pictograms:**



**Signal Word: DANGER**

**Hazard Statements:**

H314: Causes severe skin burns and eye damage

H371: May cause damage to organs

**Precautionary Statements:**

**Prevention**

P264: Wash hands thoroughly after handling.

P260: Do not breathe dusts or mists.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

P301+P330+P331: IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P363: Wash contaminated clothing before reuse.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P309+P310: If exposed or if felt unwell: Immediately call a POISON CENTER or doctor/physician.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Storage**

P405: Store locked up.

**Disposal**

P501: Dispose of container in accordance with local/regional/national/international regulations.



### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### Ingredients

<u>Chemical Name:</u>	<u>CAS Number:</u>	<u>Proportion %:</u>
Magnesium Fluoro Silicate Hexahydrate	18972-56-0	10-30
2-Butoxyethanol	111-76-2	<10
Other Propriety blend ingredients	non-haz	<10
Water	7732-18-5	to 100

### 4. FIRST AID MEASURES

**Poisons Information Centre: Phone 13 11 26**

#### First Aid

**Swallowed:** Contact a doctor or Poisons Information Centre. Do not induce vomiting. Rinse mouth with water and give glass of water. Never give anything by mouth to an unconscious person.

**Eye:** Immediately hold the eyes open and rinse continuously with plenty of water for at least 15 minutes and contact a doctor or Poisons Information Centre.

**Skin:** Remove any contaminated clothing and immediately wash contaminated skin with plenty of water. If irritation occurs, seek medical attention.

**Inhaled:** Remove affected person to fresh air. Seek medical attention if effects persist.

**First Aid Facilities:** Eye wash station.

**Advice to Doctor:** Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

**Fire/Explosion Hazard:** Glomarble is not combustible. However it is an unusual fire and explosion hazards.

**Fire Fighting Procedures:** Normal fire-fighting procedures. Fire fighters to wear fully encapsulating, gas-tight suits for maximum protection. Fire of excessive heat produces toxic

**Extinguishing Media:** Foam, CO<sub>2</sub>, Dry chemical or Water fog.

### 6. ACCIDENTAL RELEASE MEASURE

**Spill Control:** Contain large spills and mop up. Avoid contact to eyes. Use absorbent (soil or sand, sawdust) material to collect. Slippery when spilt. Place in a suitable, labelled container for waste disposal. Do not let spilled or leaking material enter drains and waterways.

### 7. HANDLING AND STORAGE

**Handling and Storage:** Store in a well-ventilated place out of direct sunlight. Store away from acid, oxidizing agents, combustible materials and foodstuffs. Keep containers closed at all times - check regularly for leaks.

**Segregation:** Store away from acids and oxidizing agents.



## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

**Exposure limits:** For Fluorides as F - 2.5mg/M3 ACGIH TLV/TWA  
2-Butoxyethanol - 25ppm/121mg/m3 TWA

**Engineering Controls:** Not required under normal conditions.

**Personal Protection:** Respiratory: If mists/vapours are not adequately controlled by local ventilation, use an inorganic vapour respirator to prevent overexposure of Fluoride.

Eye: Safety goggles.

Skin: Chemically resistant gloves and appropriate protective clothing.

Avoid contact, wash hands thoroughly before smoking, eating, or drinking.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical Description/Properties

Appearance/Odour: Clear liquid with odour.

Boiling Point: 98°C

Vapour Pressure: Not determined

Specific Gravity: 1.20

Flashpoint: Not determined

Flammability Limits: Not determined

Solubility in Water: Complete

Evaporation Rate: Not determined

pH: < 1

## 10. STABILITY AND REACTIVITY

**Stability:** Stable

**Reactivity:** Avoid mixing with strong acids and alkalis.

## 11. TOXICOLOGICAL INFORMATION

**Health Effects: *Acute:*** Corrosive to all body tissue on contact.

Swallowed: Will cause: Corrosive damage to mouth, throat and stomach.

Eye: Will cause: Chemical burns and/or Permanent eye damage.

Skin: Will cause: Chemical burns.

Inhaled: Will cause: Irritation and/or chemical burns to mucous membranes.  
Prolonged exposure may cause: Headache, Nausea.

**Health Effects: *Chronic:*** None known.

## 12. ECOLOGICAL INFORMATION

**Volatile Organic Compounds:** This product is corrosive and poisonous in large concentrations.

May cause adverse effect in aquatic environment. Avoid contaminating waterways, drains, sewers or ground.

## 13. DISPOSAL CONSIDERATIONS

**Disposal Method:** No special method. Observe all applicable governmental regulations and local ordinances regarding disposal of hazardous materials.

## 14. TRANSPORT INFORMATION



**UN Number:** 3264 Corrosive Liquid, Acidic, Inorganic, N.O.S  
**Hazchem Code:** 2R  
**Transport of Dangerous Goods:** PGIII  
**Dangerous Goods Class and Subsidiary Risk:** Class 6.1(b)

## 15. REGULATORY INFORMATION

**Poison Schedule:** 6  
**AICS:** All chemicals listed on the Australian Inventory of Chemicals Substances (AICS)

## 16. OTHER INFORMATION

**LD50 (Acute Oral Toxicity):** 200mg/KG (Guinea Pig) for Magnesium Silico Fluoride.6H2O, which equates to approx. 1000mg/KG for Glomarble  
**LD50 (Acute Dermal Toxicity):** Corrosive  
**Carcinogenicity/ Teratogenicity:** None Known

### Abbreviations and Definitions of terms used:

<	less than
>	greater than
%	percentage
deg C	Degrees Celsius
g	gram
kg	kilogram
LD50	The does (swallowed all at once) which is lethal to 50% of a group of test animals.
mg	milligram
miscible	A liquid that mixes homogeneously with another liquid
ppm	parts per million

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