



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: GLOMARBLE

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

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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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 feel 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, CO₂, 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.6H20, 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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