Gel Whiz

1: Identification of the Material and Supplier

Product Identifier
Gel Whiz

Other Means of Identification
None allocated

Recommended Use
For the removal of bore stains from hard surfaces

Supplier
Organisation: Chemform Pty Ltd
Location: 7 Kirke St
Australia
ABN: 50 008 905 119
Balcatta WA 6021

Contact Information
Phone: (08) 9240 7444
Fax: (08) 9344 4360
E-Mail: admin@chemform.com.au
Web: www.chemform.com.au

Emergency Phone Number
Poisons Information Centre (Australia) 13 11 26

2: Hazard Identification

Classified as hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) criteria of Safe Work Australia and classified as a non-dangerous good according to Australian Dangerous Goods Code.

GHS Classification
Acute Toxicity category 4

Signal Word
Warning

Hazardous Statement(s)
Harmful in contact with skin. Harmful if swallowed.

Precautionary Statement(s)
Wear protective gloves. Wash hand thoroughly after handling. Do not eat, drink or smoke when using this product. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell. Rinse mouth. Dispose of contents/container in accordance with local regulations.

3: Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>Proportion (% w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxalic acid</td>
<td>6153-56-6</td>
<td>10%</td>
</tr>
<tr>
<td>Non-hazardous</td>
<td></td>
<td>to 100%</td>
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</tbody>
</table>
4: First Aid Measures

General
For advice, contact a Poisons Information Centre (Australia 13 11 26) or a doctor.

Ingestion
If swallowed, DO NOT induce vomiting. If person is conscious, rinse mouth thoroughly with water, first then give a glass of water to drink. If vomiting occurs, wash out mouth again with water and give another glass of water to drink. Seek medical attention urgently.

Eyes
If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre (Australia 13 11 26) or by a doctor, or for at least 15 minutes.

Skin
If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

Inhalation
If swallowed or inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Do not give direct mouth-to-mouth resuscitation. To protect rescuer, use air-viva, oxy-viva or one-way mask. Resuscitate in a well-ventilated area.

Symptoms Caused by Exposure
Please refer to Section 11- Toxicological Information.

Medical Attention and Special Treatment
Long term exposure to oxalic acid solutions, by ingestion, skin absorption and inhalation is linked to stone formation (insoluble crystals of calcium oxalate salt or calculi) in the kidney and urinary tract. Painful abdominal spasms during the passing of the stone and painful and difficult urination may occur. Secondary products cause damage to kidneys.

5: Fire Fighting Measures

Suitable Extinguishing Equipment
Extinguish fire using agent suitable for type of surrounding fire (material itself is not combustible). Use foam, dry chemical or carbon dioxide. May be washed to drain with large quantities of water.

Specific Hazards Arising from the Chemical
When heated to decomposition it emits carbon monoxide and formic acid.

Special Protective Equipment and Precautions for Fire Fighters
The following protective equipment for fire fighters is recommended when this material is present in the area of a fire. Liquid-tight chemical protective suit with breathing apparatus.

Hazchem Code
Not applicable

6: Accidental Release Measures

Personal Precautions
Keep unnecessary personnel away. Wear PPE as detailed in section 8.

Environmental Precautions
Seek disposal options by a licensed waste contractor

Spills and Disposal

Small Spills
Mop or wipe up with a rag or paper towel and dispose of in rubbish. Wash down surface with water.

Large Spills
Contain spill with absorbent material such as soil, sand, attapulgite, vermiculite. Collect and seal in properly labeled drums. Wash area with water. Seek disposal options by a licensed waste contractor.
7: Handling and Storage

Precautions for Safe Handling  
Wash hands after use. Avoid direct contact with product. Use PPE as described in section 8. ALWAYS add product to water while stirring to prevent release of heat.

Conditions for Safe Storage  
Always replace lid on container after use. Store out of direct sunlight and out of the reach of children.

8: Exposure Controls – Personal Protection

National Exposure Standards  
TWA of 1mg/m³ as Oxalic acid, STEL of 2mg/m³ as Oxalic acid.

Engineering Controls  
Avoid generation and inhalation of mists and aerosols

Individual Protection

Eyes/Face  
Safety glasses

Hands  
Rubber gloves

Skin  
Long sleeved shirt

Respiratory  
Not generally required when used as per label directions.

9: Physical and Chemical Properties

Appearance  
Yellow gel

Odour  
Nil

pH  
0.5 – 1.5

Vapour Pressure  
Not applicable

Vapour Density  
Not applicable

Flash Point  
Not applicable

Flammability Limits  
Not flammable

Boiling Point  
>100°C

Melting Point  
<0°C

Specific Gravity  
No data available

Solubility  
Soluble in water

10: Stability and Reactivity

Chemical Stability  
The product is stable under normal conditions

Possibility of Hazardous Reaction  
No hazardous reactions expected when handled in accordance with label directions.

Conditions to Avoid  
Avoid extreme heat and high temperatures

Incompatible Materials  
Reacts with strong alkali, strong oxidizing materials, chlorites, and hypochlorites.

Hazardous Decomposition Products  
Carbon monoxide and formic acid are decomposition products when involved in a fire.
## 11: Toxicological Information

### Ingestion
LD_{50} rat oral 3750 mg/kg (product). Harmful if swallowed. May cause irritation of mucous membranes in the mouth, pharynx, oesophagus and gastrointestinal tract. After absorption may cause agitation, spasm, nausea, vomiting.

### Eye
Severe eye irritant. May cause redness, pain and damage to the cornea. If damage is restricted to the outer layer of the eye, recovery may occur within a few days. Prolonged contact with oxalic acid solutions can produce irreversible eye damage.

### Skin
Harmful in contact with skin. Irritant and caustic effects, tissue damage. Danger of skin absorption from oxalic acid. Solutions of 5-10% oxalic acid are irritating to the skin after prolonged exposure and can cause corrosive injury.

### Inhalation
Irritation of mucous membranes, coughing and dyspnoea.

## 12: Ecological Information

### Ecotoxicity
LD (Xenopus laevis) Clawed toad. LC_{50} 96hr > 10g/L (product)

### Persistence/Degradability
The substance is expected to be readily biodegradable according to the AS 4351 Part 2 test protocol.

### Bio-accumulative Potential
Not expected to bio-accumulate.

### Mobility in Soil
No data available

## 13: Disposal Considerations

### Disposal Methods
Disposal of this product and solutions of the product should at all times comply with requirements of environmental protection and waste disposal legislation as well as requirements by local authorities. Dispose of via licensed waste disposal carriers.

## 14: Transport Information

### UN Number
Not applicable

### Shipping Name
Not applicable

### Class
Not applicable

### Subsidiary Risk
Not applicable

### Packing Group
Not applicable

### Special Precautions For Users
Ensure all containers are clearly labelled. Keep containers securely sealed and protected against physical damage

### Hazchem Code
Not applicable

### IERG Number
Not applicable
15: Regulatory Information

Packaging & Labelling  
This product is a Scheduled Poison (S6) and must therefore be stored, maintained and used in accordance with the relevant State Poisons Act. Defined as a "Non-Dangerous Good" by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

16: Other Information

Prepared By  
Brett Amos

Date of Previous Issue  
December 2013

Changes Made  
Updated to comply with WHS regulations (GHS format).

References  
Australian Dangerous Goods Code.
Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice 2011.
Standard for the Uniform Scheduling of Medicines & Poisons (SUSMP).
Guidance on the Classification of Hazardous Chemicals Under the WHS Regulations (April 2012).

Contact Person/Point  
Australia  
24 HOUR EMERGENCY CONTACT  
Poisons Information Centre  13 11 26

Legal Disclaimer  
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.

END OF SAFETY DATA SHEET