

Product: Quala Etch

Date / Revised: 1.03.2003 Revision: 1

1. Substance / Preparation and Company Name

Product Name: Quala Etch

Manufacturer / Supplier

Southern Dental Industries Ltd
5-9 Brunsdon Street, Bayswater
Victoria, 3153, Australia

Emergency Information:

Technical Manager - Polymers
Tel: +61 3 9729 9088

2. Composition / Information on ingredients

<u>Composition:</u>	<u>CAS No.</u>	<u>Wt. %</u>	<u>Classification</u>
Phosphoric acid	7664-38-2	35 - 38	R34/41
Water	7732-18-5	56 - 62	
Silicon dioxide	7631-86-9	3 - 6	

3. Hazards Identification

Eye (contact):	Corrosive. May cause destruction of tissue. R34/41.
Skin (contact):	Corrosive. May cause burns. R34.
Inhalation:	May cause varying degrees of damage to affected tissue, and increase susceptibility to respiratory illness.
Ingestion:	Corrosive. May cause burns to mouth and throat.

4. First Aid Measures

Eye (contact):	Flush opened eye with running water for at least 15 minutes. Seek medical attention.
Skin (contact):	Remove contaminated clothing. Wash skin with plenty of water. In case of allergic reaction, seek medical attention.
Ingestion:	Do not induce vomiting, drink lots of water / milk. Seek medical attention.

5. Fire Fighting Measures

Suitable extinguishing media:	Water.
Unusual Fire and Explosion Hazards:	Heat may cause evolution of corrosive fumes.
Special protective equipment:	Wear approved respirator and protective gear. Use water spray to cool containers.

6. Accidental Release Measures

Personal precautions:	Do not get into eyes, on skin or clothing.
Environmental precautions:	Prevent any spillage from entering waterways, drains or sewage system.
Methods for cleaning up:	Scoop up bulk material, neutralize area with sodium carbonate, spread sand or diatomaceous earth and transfer to containers for disposal.

7. Handling and storage

Handling:	Replace caps immediately after use.
Storage:	Store in a cool place at temperatures between 10°C and 25°C (50° - 77°F).

8. Exposure controls and personal protection

Respiratory protection:	Work in a well ventilated area.
Hand protection:	Rubber or PVC gloves.
Eye protection:	Safety glasses, goggles or face shield.
General safety and hygiene measures:	Follow good housekeeping practices and good industrial hygiene in handling this material.

9. Physical and chemical properties

Appearance:	Green gel.
Odour:	Acrid.
Boiling point:	Not applicable.
Melting point:	Not applicable.
Specific gravity:	1.3
Flash point:	Not applicable.
Flammable:	Not flammable.
Autoflammability:	Do not self ignite.
Explosive properties:	Do not present an explosion hazard.
Oxidizing properties:	Not established.
Vapour pressure (@ 20°C):	Not established.
Relative density:	Not established.
Solubility:	Soluble in water.

10. Stability and Reactivity

Stability:	Stable under normal conditions.
Conditions to avoid:	Avoid excessive heat.
Materials to avoid:	Metals and strong bases.
Hazardous decomposition products:	None under normal conditions. Corrosive fumes when heated.
Hazardous reactivity (polymerization):	Will not occur.

11. Toxicological information

Acute toxicity:	Corrosive to skin, eye and mucous membrane.
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12. Ecological information

Self-assessment:	Slightly hazardous for water. Do not allow large quantities to reach sewage system and waterways.
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13. Disposal considerations

Dispose of in accordance with local official regulations.

14. Transport information

UN Number: 1805
Land transport ADR/RID (Cross-border)

ADG Code class: 8
ADR/RID class: 8

Sea / Air transport:
IMDG class: 8
IATA class: Corrosive.
ICAO class: Not applicable.

15. Regulatory information

These products have been classified and labelled in accordance with EU Directives / Ordinance on hazardous Materials.

Risk phrases - **34/41:** Causes burns to skin and eyes.

Safety phrases - **24/25:** Avoid contact with skin and eyes.

- **26/28:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with soap and water.

- **2:** Keep out of reach of children.

-Category of danger classified in accordance to EU Guidelines: **C** (Corrosive)

-National regulations.

-Slightly hazardous to water (Self assessment).

MATERIAL SAFETY DATA SHEET (according to 93/112/EEC) Page 4 of 4

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16. Other information

The information provided herein is given in good faith, but no warranty expressed or implied is made.

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