



1. Substance / Preparation and Company name

Product Name: Super Etch and Super Etch LV

Recommended use: For etching of tooth surfaces by dental professionals.

Manufacturer / Supplier

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2. Composition / Information on ingredients

| <u>Composition:</u> | <u>CAS No.</u> | <u>Wt. %</u> |
|------------------------------------|----------------|--------------|
| Phosphoric acid | 7664-38-2 | 37.0 |
| Balance ingredient (non-hazardous) | | 63.0 |

3. Hazard Identification

Product is corrosive and may cause destruction of tissue or burns when comes in contact.

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

Safety phrases – **1/2:** Keep locked up and out of reach of children.

24/25: Avoid contact with skin and eyes.

26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.

28 After contact with skin, wash immediately with plenty of water.

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 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 large spillage from entering waterways, drains or sewage system.

Methods for cleaning up: Wear hand protection and mop up spillage with absorbent paper. Dispose according to local regulation. Clean area with a wet towel.

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: Not required under normal conditions of use.

Hand protection: Rubber, latex 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: Blue 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.



9. Physical and chemical properties (Cont'd)

| | |
|---------------------------|-------------------------------------|
| 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

CORROSIVE

Acute

| | |
|-----------------|--|
| Eye (contact): | Causes burns. |
| Skin (contact): | Causes burns. |
| Inhalation: | None expected under normal conditions of use. |
| Ingestion: | Causes burns to soft tissues of the digestive tract. |

12. Ecological information

| | |
|------------------|---|
| Self Assessment: | Slightly hazardous for water. Do not allow large quantities to reach sewage system and waterways. |
|------------------|---|

13. Disposal considerations

Dispose of in accordance with local official regulations.

14. Transport information

This product is not considered to be a dangerous good within the meaning of transportation regulations.



15. Regulatory information

This product is regulated by:

TGA
Medical Devices Directive 93/42/EEC
FDA
National regulations

Labelling according to NOHSC Criteria: CORROSIVE

16. Other information

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

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Department issuing MSDS: Research and Development
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