


SAFETY DATA SHEET

FineEtch

SECTION 1. IDENTIFICATION

Product Name FineEtch
Identified uses Dental Etchant. Dental material for use by dental professional only.
Supplier

SPIDENT Co.,Ltd.
Contact Person www.spident.co.kr
Manufacturer 203&312, Korea Industrial Complex, 722, Gojan-Dong, Namdong-Gu, Incheon, Korea 405-821
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SECTION 2. HAZARD(S) IDENTIFICATION

GHS Classification Not a hazardous substance or mixture.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	EC No.	% by Wt
Distilled water	7732-18-5	231-791-2	<40
Glycerol	56-81-5	200-289-5	<20

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

Inhalation

No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

Ingestion

If swallowed, rinse mouth with water, Do NOT Induce Vomiting. Give victim a glass of water or milk. Call a physician or poison control center if you feel unwell.

Skin Contact

Remove contaminated clothing. Wash with soap and water.

Eye Contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

Most important symptoms and effects, both acute and delayed

Inhalation

None expected for this product.

Ingestion

Harmful if swallowed.

Skin Contact

Corrosive, causes skin burning.

Eye Contact

Causes severe eye burns.

Indication of any immediate medical attention and special treatment needed

Notes To The Physician

Corrosive

SECTION 5. FIRE-FIGHTING MEASURES

Auto Ignition Temperature (°C)

Not available.

Flammability Limit - Lower(%)

Not available.

Flammability Limit - Upper(%)

Not available.

Flash point (°C)

Not available.

Extinguishing Media

Please see Fire Fighting Equipment

Specific Hazards

oxides of phosphorous

Special Fire Fighting Procedures

General: Evacuate all personnel; use protective equipment for fire-fighting. Use self-contained breathing apparatus when the product is involved in fire.

Protective Equipment For Fire-Fighters

The product is not combustible. Substance does not burn but may decompose upon heating to produce corrosive and/or toxic fumes. Keep product and empty container away from heat and sources of ignition. Use appropriate media for adjacent fire. Cool containers with water.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Refer to Section 8 for Personal Protective Equipment.

Environmental Precautions

Water spill : Refer to Section 8 for Personal Protective Equipment.

Spill Clean Up Methods

Small spill : Clean up spills immediately, observing precautions in Protective Equipment section.

Large spill : Absorb with inert, damp non-combustible material, then flush area with water.

SECTION 7. HANDLING AND STORAGE

Handling

Use suitable protective equipment.

Storage

See product labeling.

Specific end use(s)

Dental material

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures

Provide adequate general and local exhaust ventilation.

Respiratory Equipment

In case of inadequate ventilation use suitable respirator.

Hand Protection

Wear protective gloves.

Eye Protection

Wear approved safety goggles.

Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene Measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Paste	Gel
Color	Blue
Odor	No information available.
Solubility	Partially Soluble
Initial boiling point and boiling range	Not available.
Melting point (°C)	Not available.
Relative density	>1
Vapor density (air=1)	Not available.
Vapor pressure	< 1 mm Hg / 133 Pa / Id: B
Evaporation rate	Not available.
pH	<1
Viscosity	Not available.
Decomposition temperature (°C)	Not available.
Odour Threshold, Lower	Not available.
Odour Threshold, Upper	Not available.
Flash point	Not available.
Auto Ignition Temperature (°C)	Not available.
Flammability Limit - Lower(%)	Not available.
Flammability Limit - Upper(%)	Not available.
Partition Coefficient (N-Octanol/Water)	Not available.
Explosive properties	Not available.
Other Flammability	Not available.
Oxidising properties	Not available.

SECTION 10. STABILITY AND REACTIVITY**Reactivity**

This material is considered to be non reactive under normal use conditions.

Stability

Stable under normal temperature conditions and recommended use.

Hazardous reactions

Not available.

Conditions To Avoid

Strong bases, metals, excess heat, exposure to moist air or water

Materials To Avoid

Strong caustics, most metals.

Hazardous Decomposition Products

oxides of phosphorous

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Not available.

Skin Corrosion/Irritation:

Slightly irritating.

Serious eye damage/irritation:

Slightly Irritating.

Respiratory or skin sensitisation:

Respiratory sensitisation

Not available.

Skin sensitisation

May cause sensitization by skin contact.

Germ cell mutagenicity:

Not available.

Carcinogenicity:

IARC Carcinogenicity

Not listed

NTP - Carcinogenicity

Not listed.

OSHA - Carcinogenicity

Not listed.

Reproductive Toxicity:

Not available.

Specific target organ toxicity - single exposure:

STOT - Single exposure

Not available.

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

Not available.

Aspiration hazard:

Viscosity

Not available.

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

No data available.

Aquatic toxicity (acute)

Do not allow to enter sewers or drains that may lead to waterways.

Degradability

No data available.

Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient

Not available.

Mobility:

No information available.

Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB Substances.

Other adverse effects

Not known.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14. TRANSPORT INFORMATION

UN No. (DOT/TDG)	N/A
UN No. (IMDG Code)	N/A
UN No. (ICAO TI/IATA DGR)	N/A
Proper Shipping Name	Not applicable.
Hazard Class	No classification noted.
Hazard Label	No DOT label requirement noted
IMDG Class	Not applicable.
ICAO Class	Not applicable.
Transport Labels	No transport warning sign required.
Packing Group	Not applicable.
Environmentally Hazardous Substance	Not applicable
/Marine Pollutant	
Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code Notes	Not applicable.

SECTION 15. REGULATORY INFORMATION

Follow the regulations of the KFDA

(Korea food & Drug Administration)

Follow the regulations of the CE

(Communaute Europeenne)

SECTION 16. OTHER INFORMATION

Date

2016/10/24(Rev.1)

2018/3/22 (Rev.2)