

Material Safety Data Sheet

(CLP Regulation N°1272/2008)

1. Identification of mixture and the company

1.1 Product identifier

Product name: G- Etch
Type of product: Etching gel
Product No: MET-24, MET-6, ETG-16, JKB-10, JKV-10, JKV-50, JKB-50, JRB-50, JRV-50

1.2 Relevant identified uses of the substance or mixture and uses advised against:

38% phosphoric acid etching gel

1.3 Details of the supplier of the safety data sheet:

Name: G-PHARMA
Address: 35, avenue du Gros Chêne - ZI des Bellevues
BP 50072 Herblay
95617 Cergy-Pontoise Cedex France
Email: elsodent@elsodent.com
Phone: + 33 (0)1 30 37 75 75

1.4 Emergency telephone number

Call ORFILA: + 33 (0)1 45 42 59 59

2. Hazards Identification

The mixture meets the classification criteria of Regulation No 1272/2008 amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation No 1907/2006/EC (CLP Regulation). The mixture requires a safety data sheet in accordance with the requirements.

2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP):

Irrit oc. 2 : H319; Irrit. Cut. 2: H315;
STOT SE 3: H335; Corr. Cut. 1B: H314

2.1.2 Classification according to Directive 67/548 / EEC:

Xi: R36, R37, R38,
C: R43

2.1.3 Additional Information

The full wording of the hazard classes and categories, hazard statements H and R phrases is mentioned in section 16.

2.2 Label elements

Labeling in accordance with Regulation (EC) No 1272/2008 (CLP) and its derogations from Article 17 (relating to labeling and packaging requirements) for products with a capacity of less than 125 ml (Annex I to Regulation 1.5.2.1).

Pictogram

SGH05



Danger

Signal word

Hazard statement

Precautionary advices

H314: Causes severe skin burns and eye damage

P280: Wear protective gloves / protective clothing / eye protection / face protection.

P301 + P330 + P331: In case of indigestion, rinse mouth. Do not induce vomiting.

P305 + P351 + P338: In case of contact with eyes, rinse cautiously with water for several minutes. Remove the contact lenses if the victim is wearing them and if they can be easily removed. Continue to rinse.

Additional hazards information: None

2.3 Other hazards:

According to the criteria of the REACH decree, this mixture contains no substance of PBT or vPvP.

3. Composition / Information on ingredients

3.1 Product

EC designation: Not Applicable
Classification according to the directive 93/42/EEC: Class IIa

3.2 Mixture

Index CE CAS	Chemical name	% Mass	Classification according to Directive 67/548 / EEC (DPD)	Classification according to Regulation (EC) No 1272/2008 (CLP)	Generic threshold value
Index : N/A CE : 231-633-2 CAS : 7664-38-2	Phosphorique Acid	38	Irritant Xi, oc., cut. resp. : R36/37/38 C, corr. cut.: R34	STOT SE 3 : H335; Irrit oc. 2 : H319; Irrit. Cut. 2: H315; Corr. cut. 1B : H314	≥ 1 %

Note: The full text of hazard H and R-phrases is specified in section 16.

4. First aid measures

4.1 Description of first aid measures

Inhalation: Medical attention is required in case of cough, chest pain or difficulty breathing.
Ingestion: Rinse mouth thoroughly with water.
Have milk or calcium bicarbonate ingested.
Take medical advice if symptoms persist.
Skin contact: Immediately flush with water.
Prolonged contact can destroy the epidermis and dermis.
Eye contact: Wash eyes thoroughly with water. Take medical advice as soon as possible.
Other measures to be taken: Immediately rinse contaminated clothing to prevent acid attack.

4.2 Most important symptoms and effects, both acute and delayed:

Diseases generally aggravated by overexposure to this product: pre-existing skin lesions or eye problems

Inhalation: May cause burns of the mucosa in severe cases, deep tissue damage.
Ingestion: Corrosive to mouth and throat.
Potentially irritating to the stomach in presence of large amounts of product.
This product may cause digestive upset, heartburn.
Skin contact: Possibility of irritation of the skin or severe burns in case of prolonged contact.
Eye contact: Possible serious eye damage.

4.3 Indication of any immediate medical attention and special treatment needed: Not available

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:
Non-flammable product.
Contact with water is acceptable if it is used to extinguish a fire near the product.
Auto-ignition temperature: Not Applicable Unsuitable extinguishing media: Not Applicable
Explosive Limit in Air: Not Applicable Flash point: Not Applicable
Flammability: Not Applicable Fusion point: Not Applicable

5.2 Special hazards arising from the substance or mixture

The product may react with metals and produce a release of hydrogen which is highly flammable.

5.3 Tips for firefighters: None

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid contact with skin and eyes.
This product is for dental professionals only.
Immediately rinse hands with water if contact occurs.

6.2 Environmental precautions:

Accidental spills or dispersions of large quantities:
Dispose of the spilled product in accordance with applicable national, federal, state, or local laws after neutralization with basic water.

Accidental release or dispersion of small quantities:
Widely dilute with water, store in approved disposal containers.

6.3 Methods and materials for containment and cleaning up

Wear gloves, mask, gown and protective goggles.
Wash the contaminated surface thoroughly with soap and water.

6.4 References to other sections

Refer to Section 8 for Personal Protection
Refer to Section 13 for disposal conditions

7. Handling and Storage

7.1 Precautions for safe handling

Wash hands with soap and water if contact occurs.

7.2 Conditions for safe storage, including any incompatibilities:

Avoid exposure to temperatures above 25° C.
Store product in a dry, cool place, away from light and moisture.
Do not store product near heat, flame or near reactive metals or alkaline substances.
Keep containers tightly closed.
Containers should preferably be made of polyethylene or polypropylene.

7.3 Specific end use(s): Dental professional use only.

8. Exposure controls / personal protection

8.1 Control parameters

Respiratory Protection & Ventilation:	Not required under normal conditions of use.
Personal protective equipment:	Goggles, mask, gloves and gowns.
Special precautions for hygiene:	Avoid prolonged contact with the skin. In case of contact with eyes, rinse immediately with plenty of water. Wash hands after use.

8.2 Explosion parameters Not applicable

9. Physical & Chemical properties

9.1 Information regarding the physicals and chemicals properties

Physical state:	watery green or blue gel	Density (at 20°C):	1.29 g/cm ³
Odor:	None	Solubility in water:	Yes
Melting point:	Not applicable	Flash point:	Not applicable
Specific gravity:	Not applicable	Volatility (%):	65% by weight
Boiling point:	Not applicable	PH at 20°C:	< 1
Autoignition Temperature:	Not applicable	Decomposition temperature:	Not available
Vapor Pressure:	Negligible at room temperature		

9.2 Other information None

10. Stability & reactivity

10.1 Reactivity:	Stable under storage conditions
10.2 Chemical stability:	Generally stable
10.3 Possibility of hazardous reactions:	None known
10.4 Conditions to avoid:	Contact with alkali metals and metals
10.5 Incompatible materials:	Forming free radicals, for example peroxides, reduced substances and / or heavy metal ions.
10.6 Hazardous decomposition products:	Phosphoric acid vapors, phosphoric oxides if exposed to extremely high temperatures.
10.7 Uncontrolled polymerization:	Not applicable

11. Toxicological information

11.1 Information on toxicological effects

Potential acute health effects: Refer to Section 4.

Potential chronic health effects: Refer to Section 4.
Signs and Symptoms of Exposure to Product: Refer to Section 4.

11.2 Other information: None

12. Ecological information

12.1 Toxicity

No ecological toxicity or impacts on the environment have been identified for this product in the quantities present in the normal packaging. It is inert once polymerized.

12.2 Persistence and degradability: Not applicable

12.3 Bioaccumulative potential: Not applicable

12.4 Mobility in soil: Not applicable

12.5 Results of PBT and vPvB assessment: Not applicable

12.6 Other adverse effects: Not applicable

13. Disposal measures

13.1 Waste treatment methods

Large quantity: Disposal must be made according to local, state and federal regulations. Do not pour down the drain.

Small quantity: Dilute largely with water, store in approved disposal containers. Dispose of the container in the same way as the product itself.

13.2 Uncleaned packaging: Disposal must be in accordance to all federal, national and local

14. Transport information

This information on transport is quoted according to international transport rules.

No restrictions for road, sea or air transport. Avoid high temperatures during transport.

Road Transportation: Not Applicable

Shipping: Not applicable

Air transport (IATA): Not applicable for quantities present in commercial presentations.

15. Regulation

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Class IIa medical device according to the Directive 93/42 / EEC

15.2 Chemical safety assessment: Not applicable

16. Other information

Potential danger symbol

Xi: irritant

STOT SE 3: Specific target organ toxicity - single exposure hazard class 3

Risk Phrases R

R36: Irritating to eyes,

R37: Irritating to respiratory system,

R38: Irritating to skin,

R34: Causes burns.

Safety Phrases S

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.

Hazard statements H

Category 2, H315: Causes skin irritation,

H319: Causes serious eye irritation,

STOT, SE 3, H335: Specific target organ toxicity - May cause respiratory irritation,

Category 1A, 1B, 1C, skin corrosion, H314: Causes severe skin burns and eye damage.

Precautionary advice (s)

P261: Avoid breathing dust / fume / gas / mist / vapors / spray.

P272: Contaminated work should not be removed from the workplace.

P280: Wear protective gloves / protective clothing.

P305 + P351 + P338: In case of contact with eyes, rinse cautiously with water for several minutes, remove contact lenses if victim is worn and can be easily removed. Continue to rinse.

P302 + P352: In case of skin contact, wash thoroughly with soap and water.

P333 + P313: In case of irritation or rash, consult a doctor.

P363: Wash contaminated clothing before reuse.

P312: Call a POISON CENTER or doctor / physician if you feel unwell.

P330: Rinse mouth

Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information in this MSDS was obtained from sources that we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or method of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, G PHARMA do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. If the product is used as a component in another product or used in a way other than recommended by the Company, this MSDS information may not be applicable.