

# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product Name** : **Quadrant Total Etch**

**Supplier** : Cavex Holland  
 Harmenjansweg 19-21  
 P.O.Box 852  
 2003 RW Haarlem (Holland)  
 Phone +31 23 530 77 00 Fax +31 23 535 64 82  
 Email: Dental@cavex.nl Website: www.cavex.nl

**Emergency Telephone Number** : Not applicable.

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance/Preparation** : Preparation

### Information on Hazardous Ingredients

Chemical Name	CAS Number	%	EC Number	Symbol	R-Phrases
1) Phosphoric Acid	7664-38-2	10-25	2316332	C	R34

Occupational Exposure Limit(s), if available, are listed in Section 8

## 3. HAZARDS IDENTIFICATION

**Physical/Chemical Hazards** : Acid. Reactive with metals and alkalis.

**Human Health Hazards** : Irritating to eyes and skin.

**Environmental Hazards** : Not applicable.

## 4. FIRST AID MEASURES

### First Aid Measures

**Ingestion** : If large quantities swallowed, wash out mouth and call physician.

**Skin Contact** : Wash contaminated skin with soap and water.

**Eye Contact** : Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Seek medical attention.

## 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable / Not Suitable** : Use extinguishing media suitable for surrounding materials.

**Special Fire-Fighting Procedures** : No special measures required.

**Unusual Fire/Explosion Hazards** : None.

**Hazardous thermal (de)composition Products** : This product liberates hydrogen gas when it comes into contact with aluminium, zinc and tin.

**Protection of Fire-Fighters** : No special measures required.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions** : Gloves. Safety glasses.

**Environmental Precautions and Cleanup Methods** : Neutralize with a dilute sodium carbonate solution.

## 7. HANDLING AND STORAGE

**Handling** : Avoid contact with eyes, skin and clothing.

**Storage** : No special precautions.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls** : No special precautions.

### Personal Protective Equipment

**Skin and Body** : Lab coat.

**Hands** : Gloves.

**Eyes** : Safety glasses.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State and Appearance** : Liquid

**Color** : Blue.

**Odour** : Odourless.

**Boiling Point** : Not available.

**Melting Point** : Not available.

**Density** : -

**Solubility** : Partially soluble in cold water.

**Octanol/Water Partition Coefficient** : Not available.

**pH** : 1

**Flash Points** : Not applicable.

**Flammability** : Not applicable.

**Autoignition Temperature** : Not applicable.

**Explosion Properties** : Non-explosive in presence of open flames and sparks, of shocks.

## 10. STABILITY AND REACTIVITY

**Stability** : Reactive with metals and alkalis .

**Conditions to Avoid / Materials to Avoid** : Reactive with alkalis .

**Hazardous Reactions** : Slightly reactive with metals .

**Hazardous Decomposition Products** : This product liberates hydrogen gas when it comes into contact with aluminium, zinc and tin.

## 11. TOXICOLOGICAL INFORMATION

### Local Effects

**Skin Irritation** : Irritating to skin.

**Eye Irritation** : Hazardous in case of eye contact (irritant).

**Sensitization** : Not available.

**Chronic Toxicity** : There is no known effect from chronic exposure to this product.

## 12. ECOLOGICAL INFORMATION

**Germany water class** : VCI WGK: class 1

## 13. DISPOSAL CONSIDERATIONS

**Methods of Disposal ; Waste of Residues ; Contaminated Packaging** : Neutralize with a dilute sodium carbonate solution.

## 14. TRANSPORT INFORMATION

### International Transport Regulations

#### Land - Road/Railway

**ADR/RID Class** : 8, 17c)

#### Sea

**IMDG Class** : 8(III)

#### Air

**IATA-DGR Class** : 8

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## 15. REGULATORY INFORMATION

### EU Regulations

<b>Risk Phrases</b>	: R36/38- Irritating to eyes and skin.
<b>Safety Phrases</b>	: S26- In case of contact with eyes, rinse immediately with a copious amount of water. Seek medical attention.
<b>Contains</b>	: Acid.

## 16. OTHER INFORMATION

### HISTORY

<b>Date of Printing</b>	: 18-09-2000.
<b>Date of Issue</b>	: 14-09-2000.
<b>Version</b>	: 2

### Notice to Reader

*To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier nor any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. Fi*

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