

# SAFETY DATA SHEETS

**This SDS packet was issued with item:**

077078280

N/A



## Safety Data Sheet

### Section 1: Identification

**Product Name: Porcelain Etch**

**Product Use:** Hydrofluoric acid solution used to prepare the tooth or porcelain for cementation or repair

**Manufacturer:** Inter-Med, Inc. / Vista Dental Products

**Address:** 2200 South St. Suite A, Racine, WI 53404

**Phone:** (877) 418-4782 **Fax:** (262) 636-9760

**24 HR. Emergency Telephone Number CHEMTREC (North America) :** 800-424-9300

**24 HR. Emergency Telephone Number CHEMTREC (International) :** +1 (703) 527-3887

### Section 2: Hazard(s) Identification

**Corrosive**

Acute & Chronic Hazards:	May cause eye, respiratory and skin irritation. Material is not known to cause significant health problems.
Signs and Symptoms of Exposure:	High concentrations can cause eye and respiratory irritation. Prolonged skin exposure can cause dryness.
Primary Routes of Exposure:	Inhalation, skin contact, eye contact.
Carcinogenicity:	NTP- no, OSHA – no, IARC –no.

### Section 3: Composition/Information on Ingredients

Chemical Entity (Components)	CAS No.	Hazard Identification & Risk Phrases
Hydrofluoric acid	7664-39-3	T, C, R34

**Additional information:** For wording of the listed risk phrases refer to section 16.



### Section 4: First-Aid Measures

Inhalation:	If irritation occurs, take victim to open air. Get medical attention.
Ingestion:	Drink two glasses of water or milk. Seek medical attention if a substantial amount has been ingested. Do not induce vomiting.
Skin:	Wash with soap and water.
Eye:	Flush with large quantities of water for 15 minutes. Consult a physician.

### Section 5: Fire-Fighting Measures

Extinguishing Media:	Carbon dioxide, foam or dry chemical.
Flash Point	Non-flammable
Unusual Fire and Explosion Hazards:	Upon combustion, irritating gases may form.

### Section 6: Accidental Release Measures

Personal Precautions:	Prevent skin/eye contact.
Environmental Precautions:	Avoid ground water contamination
Clean Up Procedure:	Wipe with damp paper towel. Discard properly.

### Section 7: Handling and Storage

Handling:	No special measures necessary if handled according to instructions. Avoid contact with skin and eyes.
Storage:	<i>Packing materials recommended:</i> polyethylene bottles. <i>Not suitable:</i> glass bottles. Keep containers tightly closed when not in use. Keep material in original packaging. Avoid extreme heat and light.

### Section 8: Exposure Controls/Personal Protection

Exposure Controls:	Use only in well ventilated areas.
Hygiene Measures:	Remove spilled material from skin and clothing. Do not eat or drink when handling this material.
Eye Protection:	Use protective eyewear.
Skin and Hand Protection:	Avoid unnecessary skin contact. Wear latex gloves when handling.



## Section 9: Physical and Chemical Properties

Appearance	Viscous light yellow liquid
Odor	Odorless
Vapor Density (Air = 1)	N/A
Boiling Point	N/E
Evaporation Rate	N/A
Solubility in Water	Hardly soluble
Solubility in Organic Solvents	Insoluble

## Section 10: Stability and Reactivity

Stability:	This material is stable.
Conditions to Avoid:	Heat.
Hazardous Reactions:	None if handled according to directions.

## Section 11: Toxicological Information

Acute Oral Toxicity:	LD <sub>50</sub> (rat) > 5000 mg/kg
Irritation to Eyes:	Irritates the eyes.
Irritation of Skin:	May irritate the skin.
Allergic Effects:	May cause allergic reaction on contact with skin.
Other:	If swallowed, may cause sore throat and burns of the mouth and throat. Prolonged exposure may cause burns to the respiratory tract, contact with soft tissues may cause burns.

## Section 12: Ecological Information

There is no specific information on the product. Use according to good working practices, avoiding release of the product into environment. Dispose to an authorized waste collection point.

## Section 13: Disposal Considerations

May be disposed of in landfill or incinerator In accordance with local, state and federal regulations.



## Section 14: Transport Information

### 14.1 Transport at land:

**ADR:** 8

**RID:** 8

**UN Number:** 1790

**Kemler Number:** ---

**Packing Group:** II

**Proper shipping name:** Corrosive Material

### 14.2 Transport at sea:

**ADNR:** 8

**IMDG:** 31-02

**UN Number:** 1790

**EMS:** F-E, S-B MFAG 700

**Packing Group:** II

**Proper shipping name:** Corrosive Material

### 14.3 Air transport

**ICAO / IATA-DGR:** Class 8

**UN Number:** 1790

**Proper shipping name:** Corrosive Material

**Subsidiary Risk:** ---

**Labels:** Corrosive

**Packing Group:** II

U.S. DOT Shipping Name: Corrosive Material

U.S. DOT Hazard Class: 8

Number: UN1790

U.S. Dot Packing Group: II

Other: Corrosive.

## Section 15: Regulatory Information

This product requires classification according to the criteria of EC. The product is a medical device according to the EC-directive 93/42.

UN Number:	1790
National Regulations:	
EU Number:	231-634-8



## Hazard Symbols



## Hazard Designation

C, T,  
C: Corrosive. Contains hydrofluoric acid, solution in water. T:  
Toxic

## Risk Phrases

**R: 34**  
34 Causes burns.

## Safety Phrases:

**S: 1/2, 26, 37/39, 45**  
1/2 Keep locked out and out of the reach of children.  
26 In case of contact with eyes, rinse immediately with  
plenty of water and seek medical advice.  
37/39 Wear suitable gloves and eye/face protection.  
45 In case of accident or if you feel unwell, seek medical  
advise immediately (show the label where possible).

U.S. – O.S.H.A. Status: This material is C: Corrosive under the criteria of the U.S. Federal Hazard Communication Standard.

## Section 16: Other Information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall establish a legally valid contractual relationship.

### Relevant R-phrases

34 Causes burns.  
C: Corrosive  
T: Toxic

Material should be maintained in original containers. Empty containers should not be re-used.

### AN SI / NFPA 704 DATA

Fire = 0  
Health = 1  
Reactivity = 1



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