



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 ₅₀ (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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