



**MATERIAL SAFETY DATA Vista Dental Products
Porcelain Etchant**

1. Chemical Product and Company Identification

Company Name: Inter-Med, Inc. /Vista Dental Products
2200 Northwestern Avenue
Racine, WI 53404
Phone: (877) 418-4782
Fax: (262) 636-9760
Prepared: 03-31-04

2. Composition / Information of Hazardous Ingredients

| Material | % | CAS# | Hazard Identification & Risk Phrases |
|-------------------|------|--------------------|--------------------------------------|
| Hydrofluoric acid | 8 | 7664-39-3 | T, C |
| Water | 90.5 | - | N/E |
| Thickening agent | 1.5 | Proprietary number | N/E |

3. Hazards Identification Corrosive

Acute Health Hazards: May cause eye, respiratory and skin irritation.

Chronic Health Hazards: 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.

4. First Aid Measures in Cause of Inhalation

Inhalation: If irritation occurs, take victim to open air. Get medical attention.

In case of skin contact: wash with soap and water.

In case of eye contact: Flush with large quantities of water for 15 minutes.

Consult a physician.

In case of ingestion: Drink two glasses of water or milk. Seek medical attention if a substantial amount has been ingested. Do not induce vomiting.



5. Fire-Fighting Measures

Flash Point: Non-flammable

Extinguishing Media: Carbon dioxide, foam or dry chemical.

Unusual Fire and Explosion Hazards: Upon combustion, irritating gases may form..

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.

7. Handling and Storage

Handling: No special measures necessary if handled according to instructions.

Avoid contact with skin and eyes.

Storage: *Packing materials recommended:* polyethylene bottles. *Not suitable:* glass bottles.

Keep container tightly closed when not in use. Keep material in original packaging. Avoid extreme heat and light.

8. Exposure Controls/ Personal Protection

Exposure Controls: Use only in well ventilated areas.

Eye Protection: Use protective eyewear.

Hand and Skin Protection: Avoid unnecessary skin contact. Wear latex gloves when handling.

Hygiene Measures: Remove spilled material from skin and clothing. Do not eat or drink when handling this material.

9. Physical and Chemical Properties

Appearance: Viscous light yellow liquid

Odor: Odorless.

Boiling Point/ Range: N/E

Evaporation Bate (water = 1): N/A

Vapor Density (Air = 1): N/A

Solubility in Water: Hardly soluble

Solubility in organic solvents: Insoluble

10. Stability and Reactivity

Stability: This material is stable.

Hazardous Reactions: None if handled according to directions

Conditions to Avoid: Heat.



11. Toxicological Information

Acute oral toxicity: LD50 (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.

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.

13. Disposal Considerations

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

14. Transport Information

U.S. DOT Shipping Name: Not Regulated

U.S. DOT Hazard Class: None U.N/ N.A.

Number: None

U.S. Dot Packing Group: None

Other: Not considered hazardous cargo.

15. Regulatory Information

U.S. – O.S.H.A. Status: This material is not hazardous under the criteria of the U.S. Federal Hazard Communication Standard.

16. Other Information

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

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