



**MATERIAL SAFETY DATA Vista Dental Products
Best-Etch™**

SECTION 1 - PRODUCT IDENTIFICATION

Company Name: Inter-Med, Inc. /Vista Dental Products
2200 Northwestern Avenue
Racine, WI 53404
Phone: (877) 418-4782
Fax: (262) 636-9760
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SECTION II - HAZARDOUS INGREDIENTS OF MIXTURES

(ND = NOT DETERMINED) (NA = NOT APPLICABLE)

CAS#	Material	%	OSHA PEL	ACGIH TLV
7664-38-2	Phosphoric Acid	37	N/E	N/E
112945-52-5	Amorphous Silica		N/E	N/E

SECTION III - PHYSICAL DATA

Vapor Pressure, mm Hg: ND
Evaporation Rate (ether=1): NE
Solubility in H₂O: Soluble
Specific Gravity (H₂O=1): 1.2
Odor: Odorless
Vapor Density (Air=1): ND
% Volatile by Volume: ND
Boiling Point: 158°C / 316°F
Appearance: Blue, green, orange, or clear gel
Melting Point: ND

SECTION IV - FIRE AND EXPLOSION

Flash point: ND
Flammable Limits: Nonflammable
Extinguishing Media: Chemical foam, carbon dioxide, or dry chemical.
Special Fire Fighting Procedures: None.
Unusual Fire and Explosion Hazards: Contact with most metals may cause formation of hydrogen gas.

SECTION V - REACTIVITY DATA

Stability: Stable (x)
Incompatibility: (Materials to avoid) Strong caustics, metals, sulfides and sulfites.
Hazardous Decomposition Products: NA
Hazardous Polymerization: Will not occur (x)
Conditions to Avoid: Temperatures above 40°C / 104°F



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SECTION VI - HEALTH HAZARDS

OSHA Permissible Exposure Limit: None

ACGIH Threshold Exposure Limit: None

Carcinogen, due to the presence of saccharin, Listed in: NTP: OSHA: IARC Monograph:
(X) Not Listed

Other Exposure Limit Used: None

Chronic, Other: None

Acute and chronic: Ingestion may cause sore throat, abdominal pain, nausea and severe burns of the mouth, throat and stomach. Skin contact is corrosive and may cause redness, pain and severe skin burns. Eye contact may cause redness, pain, blurred vision, eye burns or permanent eye damage.

Medical Conditions Generally Aggravated by Exposure: None known

Primary Route(s) of Exposure: Skin, ingestion

SECTION VII - EMERGENCY AND FIRST AID PROCEDURES

Skin: Immediately wash skin with plenty of water. If irritation occurs seek medical advice.

Ingestion: If swallowed do not induce vomiting. Give large quantities of water or milk. Seek medical attention.

Eyes: Flush with plenty of water. Seek immediate medical attention by an Ophthalmologist.

SECTION VIII - SPILL OR LEAK PROCEDURES

Handling & Storage: Avoid contact with skin, soft tissue, and eyes. Use goggles and gloves, wash thoroughly after handling. Avoid freezing, store at room temperature (22°C / 75°F).

Spill Management: Clean up using gloves, wiping with paper towels. Large spills should be neutralized with baking soda. Rinse affected area with plenty of water.

Waste Disposal Methods: Dispose of safely in accordance with local, state and federal regulations.

SECTION IX - PROTECTION INFORMATION/CONTROL MEASURES

Respiratory: Generally not necessary.

Eye Protection: Goggles recommended.

Gloves: Impervious gloves recommended.

Ventilation: Generally not necessary.

Other Clothing and Equipment: NA

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