



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

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SECTION 1 - PRODUCT IDENTIFICATION

Company Name: Inter-Med, Inc. /Vista Dental Products
2200 Northwestern Avenue
Racine, WI 53404
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Prepared: October 17, 2007

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

SECTION X – HANDLING AND STORAGE

Handling: Wash thoroughly after handling. Use only in a well-ventilated area. Do not breathe dust, vapor, mist, or gas. Do not get in eyes, on skin, or on clothing. Keep container tightly closed. Discard contaminated shoes.

Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from metals. Corrosives area. Do not store in metal containers.

SECTION XI – TOXICOLOGICAL INFORMATION



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RTECS#:

CAS# 7732-18-5: ZC0110000

CAS# 10294-56-1 unlisted.

LD50/LC50:

CAS# 7732-18-5: Oral, rat: LD50 = >90 mL/kg;

CAS# 10294-56-1:

Carcinogenicity:

CAS# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS# 10294-56-1: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Epidemiology: No information found

Teratogenicity: No information found

Reproductive Effects: No information found

Mutagenicity: No information found

Neurotoxicity: No information found

Other Studies:

SECTION XII – ECOLOGICAL INFORMATION

No information available

SECTION XIII – DISPOSAL CONSIDERATION

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

SECTION XIV – TRANSPORTATION INFORMATION

	US DOT	Canada TDG
Shipping Name:	Not regulated as a hazardous material	No information available.
Hazard Class:		
UN Number:		
Packing Group:		

SECTION XV – REGULATORY INFORMATION

US Federal

TSCA

CAS# 7732-18-5 is listed on the TSCA inventory.

CAS# 10294-56-1 is listed on the TSCA inventory.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules



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None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

CERCLA Hazardous Substances and corresponding RQs

None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

SARA Codes

CAS # 10294-56-1: delayed, reactive.

Section 313 No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depleters.

This material does not contain any Class 2 Ozone depleters.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS# 7732-18-5 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

CAS# 10294-56-1 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

California Prop 65

California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:

C

Risk Phrases:

R 22 Harmful if swallowed.

R 35 Causes severe burns.

Safety Phrases:

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

WGK (Water Danger/Protection)

CAS# 7732-18-5: No information available.

CAS# 10294-56-1: No information available.

Canada - DSL/NDSL



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CAS# 7732-18-5 is listed on Canada's DSL List.

CAS# 10294-56-1 is listed on Canada's DSL List.

Canada - WHMIS

This product has a WHMIS classification of E.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

Canadian Ingredient Disclosure List

SECTION IX – Additional Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. The information relates only to the specific material designated and does not relate to its use in combination with other materials or its use as to any particular process. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Inter-Med Inc. / Vista Dental Products be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Inter-Med Inc. / Vista Dental Products has been advised of the possibility of such damages.