



**DENTAL  
TECHNOLOGIES**

## Safety Data Sheet

Safety Data Sheet (in compliance with 29 CFR Part 1200 and 29 CFR Part 1020)

Document Number: SDS 100.002

Date Revised: 02/23/24

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product Identifier:

**Trade Name (as labeled):** Alpha-Pro® Orthodontic Prophylaxis Paste without Fluoride

**Product Form:** Mixture

**Part/Item Number:** 560-1300

#### 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

**Recommended Use:** For cleaning and polishing procedures as a part of a professionally administered dental prophylaxis treatment.

**Restrictions on Use:** For professional use only.

#### 1.3 Details of the Supplier of the Safety Data Sheet:

**Manufacturer/Supplier Name:** Dental Technologies, Inc.

**Manufacturer/Supplier Address:** 6901 N. Hamlin Avenue  
Lincolnwood, IL 60712

**Manufacturer/Supplier Telephone Number:** 800-835-0885 or 847-677-5500 (Product Information)

**Email address:** [info@dentaltech.com](mailto:info@dentaltech.com)

#### 1.4 Emergency Telephone Number:

**Emergency Contact Telephone Number:** Chemtrec  
800-424-9300 (USA)  
001-703-527-3887 (Outside USA)

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the Substance or Mixture:

The product as manufactured is a solid composed of encapsulated chemical ingredients. No hazardous exposures are anticipated during normal product handling and use conditions.

GHS Classification:		
Health	Environmental	Physical
Eye Irritant Category 2B (H320)	Not Hazardous	No Physical Hazards

#### 2.2 Label Elements:

Hazard pictograms (GHS-US): None

Hazard Phrases	Precautionary Phrases
H320 – Causes eye irritation	P264 – Wash thoroughly after handling. P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P337+P313 - If eye irritation persists: Get medical advice/attention

**2.3 Other Hazards:** None known.

**2.4 Unknown acute toxicity (GHS-US):** No data available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Substances:** None.

**3.2 Mixture:**

Hazardous Components	C.A.S. #	Classification	WT %
None			

The exact concentration is being withheld as a trade secret.

Refer to Section 16 for the full text of the GHS Classifications.

### 4. FIRST AID MEASURES

#### 4.1 Description of First Aid Measures:

<b>Eye</b>	Immediately flush victim's eyes with large quantities of water for several minutes, holding the eyelids apart. Get medical attention if irritation persists.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water. If irritation develops, get medical attention. Launder clothing before re-use.
<b>Inhalation</b>	Not applicable.
<b>Ingestion</b>	If more than the normal amount used for cleaning is swallowed, get medical attention if irritation occurs.

#### 4.2 Most Important Symptoms and Effects, Both Acute and Delayed:

Not expected to present a significant hazard under anticipated conditions of normal use. May cause eye and skin irritation. May be harmful if swallowed.

#### 4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed:

Immediate medical attention should not be required except in cases of high quantities of ingestion.

**Note to Physicians (Treatment, Testing, and Monitoring):** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES





#### 5.1 Extinguishing Media:

Use Chemical Foam, CO<sub>2</sub>, Dry Chemical Powder, or Water Spray. NOTE: Water may be ineffective in extinguishing the fire.

#### 5.2 Special Hazards Arising from the Substance or Mixture:

Not determined.

<b>5.3 Advice for Fire-Fighters:</b>	
<b>Fire Fighting Procedures:</b>	General: Evacuate all personnel; use protective equipment for fire-fighting.
<b>Precautions for Fire Fighters:</b>	Firefighters should wear full emergency equipment and approved positive pressure self-containing breathing apparatus.



<b>Recommended Protective Equipment for Fire Fighters:</b>			
<b>EYES/FACE</b>	<b>HANDS</b>	<b>RESPIRATORY</b>	<b>THERMAL</b>
			

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Remove all ignition sources such as open flames, spark producing equipment, pilot lights, etc. Avoid contact with skin, eyes or clothing. Wear appropriate protective clothing as described in Section 8.

#### Recommended Personal Protective Equipment for Containment and Clean-up:

<b>EYES/FACE</b>	<b>HANDS</b>	<b>RESPIRATORY</b>	<b>SKIN</b>
			

### 6.2 Environmental Precautions:

Prevent entry into sewers and waterways. Report releases as required by local, state, and national authorities. Avoid contact with skin, eyes or clothing. Wear appropriate protective clothing as described in Section 8.

### 6.3 Methods and Material for Containment and Cleaning up:

Clean up with absorbent material and remove residue with alcohol damp wipe. Rinse spill area with water. Use non-sparking tools and equipment.

### 6.4 Reference to Other Sections:

Refer to Section 8 for Personal Protective Equipment and Section 13 for Disposal information.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for Safe Handling:

Avoid contact with the eyes, skin and clothing. Wear protective clothing and equipment as described in Section 8. Wash thoroughly after handling. Keep away from heat, sparks, flames, and other sources of ignition.

**7.2 Conditions for Safe Storage, Including Any Incompatibilities:**

Store in a cool, dry, well-ventilated area away from heat, direct sunlight and all sources of ignition. Store away from incompatible materials. Keep container closed to prevent contamination.

**7.3 Specific End Use (s):** No specific end use other than that mentioned in Section 1.2.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1 Control Parameters:** No additional information available.

**8.2 Exposure Controls:**

**Appropriate Engineering Controls:** None required under normal product handling conditions.

**Individual Protection Measures (PPE)**



**Specific Eye/face Protection:** Chemical safety goggles should be worn if needed to avoid eye contact.

**Specific Skin Protection:** Wear impervious gloves such as natural rubber or neoprene if needed to avoid skin contact. Consult glove supplier for thickness and breakthrough times.

**Specific Respiratory Protection:** None should be needed under normal use. If exposure limits are exceeded an approved respirator or supplied air respirator appropriate should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

**Specific Thermal Hazards:** None required.

### Recommended Personal Protective Equipment

EYES/FACE	HANDS	RESPIRATORY	SKIN
			

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**9.1 Information on Basic Physical and Chemical Properties:**

<b>Physical state:</b>	Paste	<b>Relative density:</b>	1.50 to 2.00g/cc @25°C/77°F
<b>Appearance:</b>	Uniform paste	<b>Melting Point:</b>	Not determined
<b>Odor:</b>	Characteristic	<b>Boiling Point:</b>	Not determined
<b>Odor threshold:</b>	Not determined	<b>Solubility in Water:</b>	Partially Soluble
<b>pH:</b>	7.50-9.50	<b>Other Data:</b>	Not applicable – Product not regulated for VOC Content at State of Federal Level.

**9.2 Other Information:** None.

## 10. STABILITY AND REACTIVITY

**10.1 Reactivity:** Stable at ambient temperature and under normal conditions of use.

**10.2 Chemical Stability:** Stable at standard temperature and pressure.

**10.3 Possibility of Hazardous Reactions:** None known.

**10.4 Conditions to Avoid:** Keep away from heat, sparks, incompatible materials, flames and other sources of ignition.

**10.5 Incompatible materials:** High temperatures, strong oxidizing agents. Keep away from sunlight and open flames.

**10.6 Hazardous Decomposition Products:** None known.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on Toxicological Effects:

Not applicable.

## 12. ECOLOGICAL INFORMATION

**12.1 Toxicity:** No data available

**12.2 Persistence and Degradability:** No data available

**12.3 Bio-accumulative Potential:** No data available

**12.4 Mobility in Soil:** No data available

**12.5 Results of PBT and vPvB Assessment:** No data available

**12.6 Other Adverse Effects:** No data available

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste Treatment Methods:

**Regulations:** Dispose in accordance with all national and local regulations.

**Households:** Product used in household may be disposed of in refuse or sewer.

**Properties (Physical/Chemical) Affecting Disposal:** None currently known.

**Waste Treatment Recommendations:** Dispose in accordance with national and local regulations.

**US EPA:** This material is not considered a hazardous waste under the United States Resource Conservation and Recovery Act when disposed.

## 14. TRANSPORT INFORMATION

### 14.1. UN number

Not applicable

### 14.2. UN proper shipping name

Not applicable

### 14.3. Transport hazard class(es)

Not applicable

### 14.4. Packing group

Not applicable

**14.5. Environmental hazards**

Not applicable

**14.6. Special precautions for user**

Not applicable

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable

## 15. REGULATORY INFORMATION

**15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:**

**U.S. Federal Regulations**

None required.

**15.2 Chemical Safety Assessment:** None required.

## 16. OTHER INFORMATION

HMIS Hazard Rating:

Health: 1	Flammability: 0	Reactivity: 0
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Full text of Classification abbreviations used in Section 2 and 3:

H320	Serious eye damage/eye irritation, Category 2B
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Supersedes: October 19, 2020

Date updated: February 23, 2024

Change Control Document #: DCN 7744, 9297

Revision Summary: October 19, 2020: Converted MSDS to SDS. Updated all sections. February 23, 2024: Updated to revised GF-404 Rev001 Template.

Data Sources: US NLM ChemID Plus and HSDB, Substance SDS for components, IUCLID Dataset EU Chemical Bureau, ESIS, Country websites for occupational exposure limits.

Manufacturer disclaimer:

FOR DENTAL USE ONLY. The information and recommendations are taken from sources (raw material MSDS(s), SDS(s) and manufacturers knowledge) believed to be accurate; however, the manufacturer makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.