

MATERIAL SAFETY DATA SHEET

RM126 Rev.A

SECTION I – Identification of the Substance / Preparation and of the Company / Undertaking

Product Trade Name: PediaGel™ 1.23% Acidulated Phosphate Fluoride Gel
Company Name: Preventive Technologies, Inc
Address, City State Zip: 4330 Matthews-Indian Road, Indian Trail, NC 28079
Emergency Telephone Number: (800) 424-9300 (Chemtrec)
Telephone Number for Information: (800) 474-8681 Fax Number: (704)-849-2417
Date Prepared: 11/2008 RM 126 Rev A

SECTION II – Composition / Information on Ingredients

<u>Hazardous Components</u>	<u>Composition, %</u>	<u>CAS #</u>	<u>EINECS#</u>	
Sodium Fluoride (as Fluoride)	1-10	7681-49-4	231-667-8	[T] R25; [-] R32; [Xi] R36/38
Orthophosphoric Acid	1-10	7664-38-2	231-633-2	[C] R34

SECTION III – Hazards Identification

Main Hazards: Contact with acids liberates very toxic gas

SECTION IVa – First Aid Measures (Symptoms)

Skin contact: There may be a mild irritation at the site of contact
Eye contact: There may be irritation and redness
Ingestion: There may be irritation of the throat
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest

SECTION IVb – First Aid Measures (Actions)

Skin Contact: Wash immediately with plenty of soap and water
Eye Contact: Bathe the eye with running water for 15 minutes
Ingestion: Wash out with water
Inhalation: Consult physician

SECTION V – Fire-Fighting Measures

Extinguishing Media: Suitable extinguishing media for the surrounding fire should be used.
Exposure Hazards: In combustion emits toxic fumes
Protection of Fire-Fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes

SECTION VI – Accidental Release Measures

Personal Precautions: Refer to Section VIII of this document for personal protection details.
Environmental Precautions: Do not discharge into drains or rivers.
Clean-up Procedures: Scoop up material and dispose in acceptable containers.

SECTION VII - Safe Handling and Storage

Storage Conditions: For dental professional use only. Store away from food and beverages. Keep away from heat. Keep containers closed when not in use. Keep out of reach of children.

SECTION VIII – Exposure Control / Personal Protection

Hazardous Ingredients: Orthophosphoric Acid, 100% TWA 1 mg.m3 STEL 2 mg/m3
Respiratory protection: None required.
Hand Protection: Protective gloves.
Eye Protection: Safety glasses. Ensure eye bath is nearby.
Skin Protection: Protective clothing.

SECTION IX– Physical and Chemical Properties

Physical State:: Gel
Odor: Chaaracteristic odor
Evaporation Rate: Negligible
Solubility in Water: Soluble
Viscosity: Viscous

SECTION X – Stability and Reactivity

Stability: Stable under normal conditions
Conditions to Avoid: Heat.
Materials to Avoid: Strong oxidizing agents. Strong acids.
Hax. Decomp. Products: In combustion emits toxic fumes

SECTION XI – Toxicological Information

Hazardous Ingredients: Sodium Fluoride : ORL MUS LD50 57 mg/kg.
 ORL RAT LD50 52 mg/kg
 SCU RAT LD50 175 mg/kg
 Orthophosphoric Acid, 100%: ORL RAT LD50 1530 mg/kg
Chronic Toxicity: Danger of cumulative effects if swallowed
Route of Exposure: Refer to Section IV of this document for routes of exposure and cooresponding eymptoms.

SECTION XII – Ecological Information

Mobility: Readily absorbed into the soil.
Persistence/Degradibility: Biodegradable.
Bioaccumulative potential: No bioaccumulative potential.
Other adverse effects: Negligible ecotoxicity.

SECTION XIII – Disposal Considerations

NB: The user’s attention is drawn to the possible existence of regional or national regulations regarding disposal

SECTION XIV – Transportation Information

ADR/RID: Not classified as dangerous in the meaning of transport regulations (Sodium Fluoride, 2.75%)
ICAO/IATA: UN No. ----
IMO/IMDG: UN No. ----

SECTION XV – Regulatory Information

Hazard Symbols: No significant hazards

Risk Phrases: R32 Contact with acids liberate very toxic gas

Safety Phrases: S7: Keep container tightly closed

Precautionary Phrases: Restricted to professional users

NOTE: The regulatory information given in in SECTION XV only indicates the principal regulations specifically applicable to the product described in this MSD sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

SECTION XVI – Other Information

Risk Phrases used in s.2:

- R25: Toxic if swallowed
- R32: Contact with acids liberates very toxic gas
- R36/38: Irritating to eyes and skin
- R34: Causes burns

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for damages resulting from handling or from contact with the above product.
