

MATERIAL SAFETY DATA SHEET

1.1 Product Trade Name: **NUPRO® APF TOPICAL GEL**
1.2 Part (Item) Number: 804012, 804013, 804015

Wild Cherry, Bubblegum, Tropical Fruit

SECTION I

1.3 Company Name: DENTSPLY Preventive Care
1.4 Address: DENTSPLY International
1301 Smile Way, P.O. Box 7807
York, PA 17404
1.5 Emergency Phone Number: 1-800-424-9300 (Chemtrec)
1.6 Phone Number For Information: 1-800-989-8826
1.7 Date Prepared: 9/1/97

SECTION II - INGREDIENTS

Ingredients	CAS No.	Percentage	Exposure Limits	Ref.*
Sodium Saccharin		0.1%		
Sodium Fluoride		2.59%		
Phosphoric Acid (85%)		1.16%		
Hydrofluoric Acid (49%)		0.13%		

* REFERENCES FOR EXPOSURE LIMITS: 1. Federal OSHA Permissible Exposure Limit 2. ACGIH Threshold Limit Values TLV-TWA 3. NIOSH Exposure Limit Values 4. Chemical Manufacturers Recommended Guidelines 5. (NE = None Established, NA = Not Applicable, ND = Not Determined)

SECTION III - PHYSICAL PROPERTIES

3.1 Boiling Point	:N.A.	3.11 Specific Gravity	:N.D.
3.2 Vapor Pressure	:N.A.	3.12 pH	:3.6 - 3.95
3.3 Vapor Density	:N.A.	3.13 Evaporation Rate	:N.D.
3.4 Critical Temperature	:N.A.	3.14 Viscosity	:N.A.
3.5 Decomposition Temperature	:N.D.	3.15 Magnetism	:N.A.
3.6 Melting / Freezing Point	:N.A.	3.16 Autoignition Temp	:N.A.
3.7 Solubility in Water	:N.A.	3.17 Corrosion Rate	:N.A.
3.8 Critical Pressure	:N.A.	3.18 Molecular Weight	:N.A.
3.9 Perm. Exp. Limit	:N.A.		
3.10 Appearance and Odor	:Gelled aqueous solution of Sodium Fluoride. Various flavors and colors.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

4.1 Flash Point (Method Used)	:N.A.		
4.2 Flammable (Explosive Limits)	:N.A.	LEL: N.A.	UEL: N.A.
4.3 Extinguishing Media	:N.A.		
4.4 Special Fire Fighting Procedures/Equipment	:N.A.		
4.5 Unusual Fire and Explosion Hazards	:N.A.		

SECTION V - HEALTH HAZARD DATA

- 5.1 Effects of Acute and Chronic Over Exposure:
EYES: May cause irritation upon contact.
SKIN: Weak corrosive. Avoid repeated contact with skin; chronic exposure may cause dermatitis.
INHALATION: N.A.
INGESTION: Ingestion may cause salivation, nausea, vomiting. Ingestion of large quantities may cause abdominal pain, weakness, tremor, spasm or convulsions. Death can result from respiratory paralysis.
- 5.2 Emergency and First Aid Procedures
EYES: Immediately flush eyes with copious quantities of water for 15 minutes; seek medical attention if irritation or discomfort persists.
SKIN: Wash skin thoroughly with soap and water.
INHALATION: N.A.
INGESTION: Call a physician at once. Immediately give copious quantities of milk or water if milk is not available.
Toxicity: LD₅₀, LC₅₀, etc.) > 5000 mg/kg

SECTION VI - REACTIVITY DATA

- 6.1 General Reactivity: Unstable: Stable: X
6.2 Conditions to Avoid (Stability): N.A.
6.3 Incompatibility (Materials to Avoid): None
6.4 Hazardous Decomposition or Byproducts: Unknown
6.5 Hazardous Polymerization: Will not Occur.
6.6 Conditions to Avoid (Polymerization): N.A.

SECTION VII - SPECIAL PRECAUTIONS AND SPILL OR LEAK PROCEDURES

- 7.1 Handling and Storage Precautions: Keep away from heat. Keep containers closed when not in use.
7.2 Other Precautions: None
7.3 Steps to be Taken in Case Material is Released or Spilled: Scoop up material and dispose in acceptable containers.
7.4 Waste Disposal Procedures: Dispose in accordance with all applicable federal, state and local regulations.
7.5 Neutralizing Agent: N.A.

SECTION VIII - OCCUPATIONAL PROTECTION MEASURES

- 8.1 Respiratory Protection :None required
8.2 Ventilation :N.A.
8.3 Protective Gloves :Yes impervious.
8.4 Eye Protection :Chemical splash goggles.
8.5 Other Protective Clothing or Equipment :None
8.6 Work/Hygienic Practices :Observe normal care when working with chemicals.