



Material Safety Data Sheet

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Responsible Party: Reference Standards Technical Services

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FLUORIDE DENTIFRICE: SODIUM MONOFLUOROPHOSPHATE / DICALCIUM PHOSPHATE

Catalog Number: 1277354

Package Size: 4.6 oz

Revision Date: November 21, 2001

NOTE: This material is representative of a commercially available fluoride dentifrice (toothpaste). As such, it is a non-hazardous substance in the quantity provided, although it contains sodium monofluorophosphate (a substance which has been studied for carcinogenic potential but is not classifiable), and saccharin (a substance which has been classified as a possible human carcinogen when ingested in large amounts).

SECTION 1 - IDENTIFICATION

Common Name: Fluoride Dentifrice: Sodium
Monofluorophosphate / Dicalcium Phosphate

Formula: n/f

Synonym: n/f

Chemical Name: n/f

CAS Number: n/f

RTECS Number: n/f

Chemical Family: n/f

Therapeutic Category: Fluoride dentifrice

SECTION 2 - INGREDIENT INFORMATION

<u>Principle Components</u>	<u>Percent</u>	<u>Exposure Limits</u>
Sodium Monofluorophosphate	Unknown	n/f
Dicalcium Phosphate	Unknown	n/f
Sodium Saccharin	0.2 %	n/f

SECTION 3 - HEALTH HAZARD INFORMATION

Usual Adult Dose: n/f

Adverse Effects: Possible allergic reaction to material if inhaled, ingested or in contact with skin.

Overdose Effects: n/f

Acute: Possible eye, skin, gastrointestinal and/or respiratory tract irritation.

Chronic: Possible hypersensitization.

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Inhalation: May cause irritation. Remove to fresh air.

Eye: May cause irritation. Flush with copious quantities of water.

Skin: May cause irritation. Flush with copious quantities of water.

Ingestion: May cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Ingestion of large amounts may cause fluoride toxicity. Avoid ingestion. Flush out mouth with water.

Medical Conditions

Aggravated by Exposure: Hypersensitivity to material.

Cross Sensitivity: n/f

Pregnancy Comments: n/f

Pregnancy Category: n/f

SECTION 4 - FIRST AID MEASURES

General: Remove from exposure. Remove contaminated clothing. Persons developing serious hypersensitivity (anaphylactic) reactions must receive immediate medical attention. If person is not breathing give artificial respiration. If breathing is difficult give oxygen. Obtain medical attention.

Overdose Treatment: n/f

SECTION 5 - TOXICOLOGICAL INFORMATION

Oral Rat: LD50: n/f

Oral Mouse: LD50: n/f

Irritancy Data: n/f

Target Organ(s): n/f

Listed as a Carcinogen? **NTP:** No **IARC:** No **OSHA:** No

Other: No

SECTION 6 - FIREFIGHTING MEASURES

Flash Point: n/f

Upper Flammable Limit: n/f

Auto-Ignition Temperature: n/f

Lower Flammable Limit: n/f

Extinguisher Media: Water spray, dry chemical, carbon dioxide or foam as appropriate for surrounding fire and materials.

Fire and Explosion Hazards: This material is not combustible.

Firefighting Procedures: As with all fires, evacuate personnel to a safe area. Firefighters should use self-contained breathing equipment and protective clothing.

SECTION 7 - PHYSICAL HAZARDS

Conditions to Avoid: n/f

Incompatibilities: n/f

Decomposition Products: When heated to decomposition material emits toxic fumes. Emits toxic fumes under fire conditions.

Stable? Yes **Hazardous Polymerization?** No

SECTION 8 - HANDLING / SPILL / DISPOSAL MEASURES

- Handling:** As a general rule, when handling USP Reference Standards avoid all contact and inhalation of dust, mists, and/or vapors associated with the material. Wash thoroughly after handling.
- Storage:** Store in tight container as defined in the USP-NF. This material should be handled and stored per label instructions to ensure product integrity.
- Spill Response:** Wear approved respiratory protection, chemically compatible gloves and protective clothing. Wipe up spillage. Place spillage in appropriately labelled container for disposal. Wash spill site.
- Disposal:** Dispose of waste in accordance with all applicable Federal, State and local laws.

SECTION 9 - EXPOSURE CONTROLS / PERSONAL PROTECTION

- Respiratory Protection:** When working with small quantities in a well-ventilated area, respiratory protection may not be required.
- Ventilation:** No special ventilation requirements.
- Gloves:** Rubber
- Eye Protection:** Safety Glasses
- Protective Clothing:** Protect exposed skin.

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

NOTE: The data reported below is general information, and is not specific to the USP Reference Standard Lot provided!

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|-----------------------------|-------------------------------|----------------------------------|
| Appearance and Odor: | White opaque gel; minty odor. | |
| Melting Point: | n/f | |
| Solubility in Water: | Soluble | Vapor Density: n/f |
| Boiling Point: | n/f | Evaporation Rate: n/f |
| Specific Gravity: | 1.52 @ 80° F | Reactivity in Water: n/f |
| Vapor Pressure: | n/f | % Volatile by Volume: n/f |