

SAFETY DATA SHEET

Product Identification: SDF Plus (Silver Diamine Fluoride 38%)

Section 1: Product and Company Identification

1.1 Product identifiers

Product Name: SDF Pro
 Product Description: 38% Silver Diamine Fluoride, Blue Liquid

1.2 Identified uses

Professional dental use with the treatment and/or prevention of dentinal hypersensitivity

1.3 Company Identification

Manufacturer | Supplier: Gingi-Pak
 4825 Calle Alto, Camarillo, CA 93012
 Telephone: (800) 437-1514

1.4 Emergency Contact: (805) 484-1051 or poison control.

Section 2: Hazard(s) Identification

2.1 Classification of mixture

Metal corrosion | Category 1
 Skin irritant | Category 1

2.2 Label elements, including precautionary statements

Pictogram:



Signal word: CORROSIVE

Precautionary statement(s)

IF EXPOSED or CONCERNED ABOUT EXPOSURE, consult a physician.
 IF INHALED: Move to open air. Consult physician.
 IF ON SKIN: Remove contaminated clothing. Rinse with water. Consult physician.
 IF INGESTED: Rinse mouth, DO NOT Induce Vomiting. Seek medical attention.
 IF IN EYES: Flush with fresh water. Remove lenses if possible, continue rinsing. Seek medical attention.

CAUTION: Harmful if swallowed. Prolonged or repeated exposure may cause respiratory effects. May cause mottled teeth.

Storage: Store in cool/dry secured area. Avoid excessive heat. Keep in original container.

Comments: Dispose contents and container in accordance with governmental regulation.

Section 3: Composition/Information on Ingredients

- Chemical name: Mixture

Constituent	CAS Number	Weight Percentage
Silver Fluoride	7775-41-9	29 - 32
Ammonia	1336-21-6	8 - 10
Ammonium Fluoride	12125-01-8	< 1
FD&C Blue № 1	3844-45-9	< 1

Section 4: First-Aid Measures

4.1 Description of First-Aid Measures

- Inhalation:** Move to fresh, open air. In event of breathing difficulty, seek immediate medical attention.
- Skin:** Wash with soap and water. Rinse contaminated clothing thoroughly, then remove. Promptly seek medical attention as needed to treat affected area.
- Ingestion:** Rinse mouth thoroughly with water, DO NOT induce vomiting. May give small amount of half milk, half water mixture. Never administer to an unconscious person. Seek medical attention. Consult poison control as needed.
- Eyes:** Flush with copious amounts of fresh water. Remove any lenses, and continue to flush eyes for approximately 10 minutes. Seek medical attention as needed.

4.2 Most Important Symptoms/effects (Acute and Delayed Health Effects)

- Inhalation:** Potentially harmful if inhaled.
- Skin:** Caustic, skin burning.
- Ingestion:** Harmful if ingested.
- Eyes:** Caustic, severe eye burning.

4.2 Notes to physician

- Corrosive and/or caustic

Section 5: Fire-Fighting Measures

- Non-Flammable
- **Extinguishing Media:** Water or foam. DO NOT use water jet.
- **Special Emergency Personnel Procedures:** Remove all persons from vicinity of incident. Action should be taken ONLY by suitable trained personnel.
- Contact with reactive metals may produce flammable hydrogen gas. Firefighters should use protective masks for acidic gasses.

CAUTION: May produce irritating, toxic and/or corrosive fumes.

Section 6: Accidental Release Measures

- **Non-Emergency:** Steps to be taken if material is released or spilled: Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- **Waste disposal method:** Dispose of all wastes in accordance with Federal, State, and Local Regulations.
- **Environmental hazards:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Use appropriate containment to avoid environmental contamination. Container must be lined with polyethylene plastic or contain a plastic drum liner made of polyethylene.

Section 7: Handling and Storage

Handling Precautions: Wash hands, forearms and face thoroughly after handling chemical products, before eating, and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

Storage Precautions: Store in original container in a dark, cool, dry place away from alkalis. Keep stored in a secure environment, Do damage containers.

Section 8: Exposure Controls/Personal Protection

- Ventilation: Avoid breathing vapors
- Respiratory Protection: Not required under normal handling.
- Protective Gloves: Chemical resistant, recommended
- Eye Protection: Safety eyewear complying with an approved standard, recommended

Section 9: Physical and Chemical Properties

Information on physical and chemical properties:

- Appearance (physical state, color, etc.): Liquid, blue tint.
- Odor/Odor threshold: ammonia odor
- Upper/lower flammability or explosive limits: N/A
- pH: 9.5 - 11
- Relative density: N/A
- Melting point: N/A
- Freezing point: N/A
- Boiling point: N/A
- Flash point: N/A
- Evaporation rate: N/A
- Flammability (solid, gas): N/A
- Upper/lower flammability or explosive limits: N/A
- Vapor pressure: N/A
- Vapor density: N/A
- Relative density: N/A
- Specific gravity: 1.23
- Solubility in water: Soluble
- Partition coefficient: N/A
- Auto-ignition temperature: N/A
- Decomposition temperature: N/A
- Viscosity: N/A

Section 10: Stability and Reactivity

- General reactivity: Stable (Opaque, corrosion resistant, sealed container)
- **Incompatibility** (materials to avoid): Avoid contact with alkali materials, acids, metals, glass.
- **Hazardous decomposition products**: Causes erosion of metals, glass.

Section 11: Toxicological Information

- Toxicity: May cause irritation to the mouth, throat, skin or eyes
- Carcinogenic References: May cause bone fluorosis or mottling of the teeth with repeated exposure.

Section 12: Ecological Information (non-mandatory)

- Toxicity: May cause irritation to the mouth, throat, skin or eyes
- Persistence and degradability: N/A
- Bioaccumulation potential: N/A

- Mobility in soil: Readily absorbed
- Other adverse effects: N/A

Section 13: Disposal Considerations (non-mandatory)

- **Disposal method:** Dispose of all wastes in accordance with Federal, State, and Local Regulations.

Section 14: Transport Information (non-mandatory)

- Shipping name: Aqueous Silver Diamine Fluoride solution, 38%
- Identification number: UN 3267, PGIII
- Hazard class: 8
- Labels required: 8

Section 15: Regulatory Information (non-mandatory)

California Proposition 65 (cause cancer which would require a warning under statute):	Not on list.
Section 355 (extremely hazardous substances):	N/A
SARA 313 (specific toxic chemical listing):	N/A
RCRA Code:	N/A
TSCA (Toxic Substances Control Act):	N/A

Section 16: Other Information

Further Information:

Notice: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Gingi-Pak shall not be held liable for any damage resulting from handling or from contact of the above product. **All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Final determination of suitability of any material is the sole responsibility of the user.**

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