

Fluoride Foam Instructions for Use

Product Name: Fluoride Foam

Product Model: Type A (1.23%)

Product Specifications: 10g

Product Performance and Composition

- **Sensory Indicator:** White foam.
- **Fluoride Ion Content:** Type A: 1.23% × (1 ± 10%).
- **Main Ingredients:** Sodium fluoride, xylitol, glycerol, foaming agent, phosphoric acid, and purified water.
- **Scope of Application:** Used for the prevention of dental caries.

Instructions for Use

- 1. Preparation:** Thoroughly clean the teeth by rinsing or brushing.
- 2. Unsealing:** Open the bottle cap and gently push the nozzle to break the connection point.
- 3. Activation:** Shake the bottle vigorously for 3–4 seconds before use.
- 4. Positioning:** Place the nozzle at the bottom of a disposable tray, ensuring the bottle is vertical to the tray base.
- 5. Dispensing:** Gently press the nozzle to dispense the foam. The dosage should be controlled between 0.3–0.7g, filling the tray to approximately 2/3 of its height.
- 6. Application:** Place the tray in the mouth and have the patient bite down for 1–2 minutes. Remove the tray and spit out any residual foam.
- 7. Post-Treatment:** For best results, do not eat or drink for 30 minutes after use.
- 8. Frequency:** For children, apply 2–4 times per year; for orthodontic patients, apply once a month.

Contraindications

The following patients or conditions are contraindicated for this product:

- Patients with ulcerative gingivitis, stomatitis, or bronchial asthma.
- Individuals experiencing a cold, fever, or gastrointestinal discomfort.
- Those with a known allergy to any of the product's ingredients.
- Pregnant women.
- Children under 3 years of age.

Precautions and Warnings

- **Professional Use:** This product must be operated by dental professionals or personnel trained by dental professionals.
- **Do Not Swallow:** The product is not for ingestion. Keep out of reach of children.
- **Pressure Vessel:** This is a pressurized container. Keep away from fire sources; do not puncture or incinerate the bottle.
- **First Aid:** If the product accidentally enters the eyes or wounds, rinse immediately with clean water.
- **Adverse Reactions:** Under normal use, adverse reactions are unlikely. If discomfort becomes unbearable, the product can be removed by brushing or rinsing.

Storage, Transport, and Shelf Life

- **Storage:** Store in a dry place at room temperature with the packaging intact.
- **Transportation:** Handle with care; avoid impact, violent movement, direct sunlight, and rain.
- **Shelf Life:** 3 years.
- **Compilation Date:** December 5, 2025.

FAQ and Troubleshooting

1. Environmental Requirements

Storing the product below 10°C may reduce internal pressure, causing the foam to become watery. If this occurs, warm the bottle with your hands for 30–60 seconds or soak it in 45°C water for 1 minute.

2. Usage Efficiency

If the product does not reach the expected number of applications, it may be due to:

- **Insufficient Shaking:** Failure to shake before use prevents proper gas-liquid mixing.
- **Improper Angle:** If the bottle is tilted rather than vertical, gas (aerosol) escapes, reducing the total available foam.

3. Watery Foam Issues

In addition to low temperatures, watery foam can be caused by high-frequency intermittent use or improper handling. It is recommended to shake the bottle and then hold it upside down for 30 seconds before the first press to allow the liquid to settle toward the nozzle.

4. Discomfort or Vomiting in Children

Occasional nausea is usually not due to toxicity (ingredients are largely food-grade) but rather:

- **Incorrect Tray Size:** Trays that are too large can trigger a gag reflex. (Suggested sizes: Small for ages 3–6; Medium for 6–8; Large for 8+).
- **Excessive Foam:** Too much foam can stimulate the throat. Ensure the tray is only 2/3 full and instruct the child to tilt their head slightly downward during application to allow excess liquid to flow out.



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