

FLUORIDE PRODUCTS

Prescription home fluoride products –
Prevident, Clinpro: toothpastes and rinse options

By Tanya S. and Eric T.



Active Ingredient

Sodium Fluoride

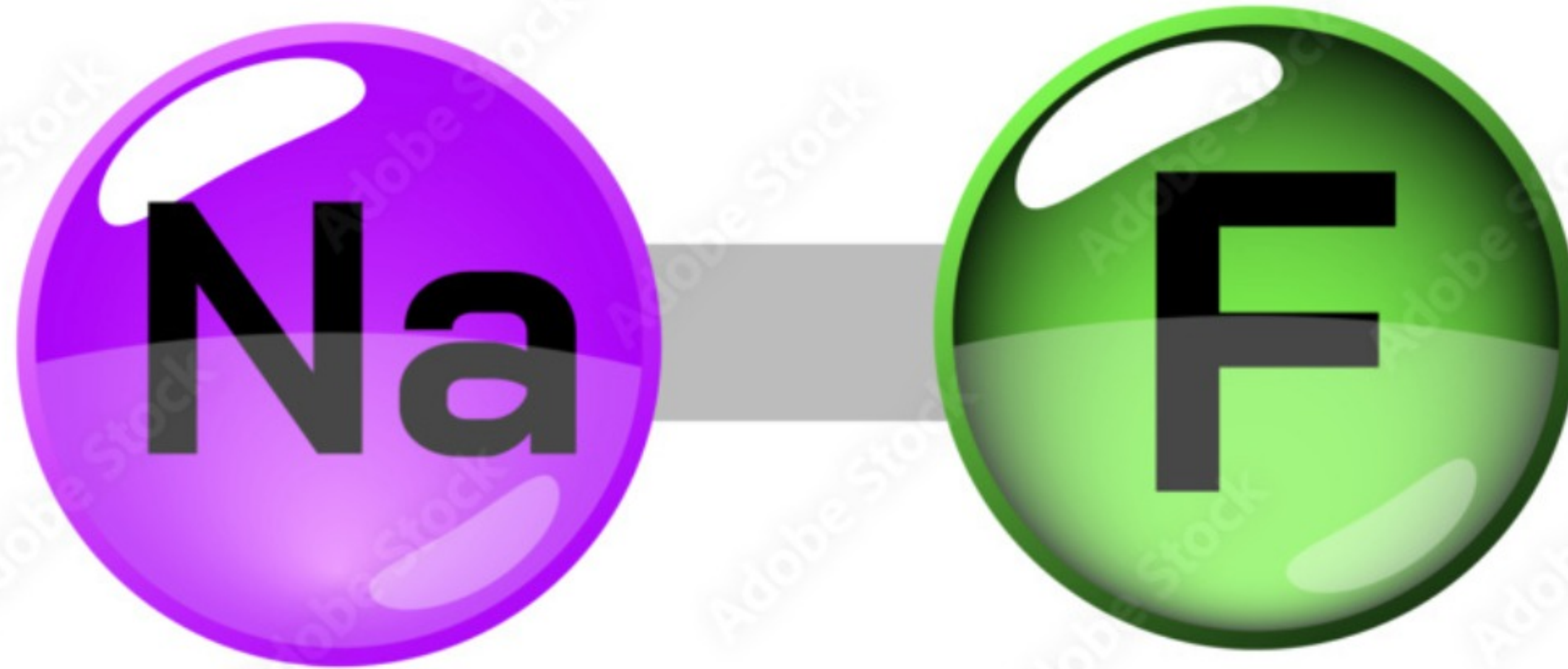
Molecular structure

Molecular formula
NaF

Molecular Weight
41.98817 g/mol

 Fluorine

 Sodium



Sodium Fluoride: 1.1% (5000 ppm fluoride)

HOW IT WORKS



It protects tooth enamel by remineralizing it, restoring lost minerals, and shielding it from acids. Additionally, it helps prevent cavities and decay while also blocking dentinal tubules to reduce hypersensitivity.



Products and Usage

TOOTH PASTE – CLINPRO™

Brush your teeth twice daily, in the morning and at night, after meals. Apply a pea-sized amount of toothpaste to your toothbrush.



(3M, 2007)

After brushing, avoid rinsing immediately to allow the fluoride to remain on your teeth for maximum effectiveness.

RINSE – PREVIDENT™

Use once daily, preferably at night after brushing. Pour 10 mL of rinse into the provided cap and swish it in your mouth for 1 minute.

Do not swallow.



(Colgate, 2018)

WHO/WHAT ARE THESE PRODUCTS RECOMMENDED FOR

People at high risk for cavities or those with enamel erosion from acid exposure.



POSSIBLE SIDE EFFECTS W/ FLUORIDE

Fluorosis: Excessive fluoride ingestion in young children (under 6 years old) can cause dental fluorosis, leading to white spots on the teeth. To prevent this, children should use only a pea-sized amount of toothpaste and be supervised while brushing.

Allergic Reactions: Though rare, some individuals may experience oral irritation, nausea, vomiting, swelling, or a rash.

Staining: The rinse may cause temporary tooth staining.

Overdose: abdominal pain, stomach upset, nausea, vomiting, diarrhea.

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CONTRAINDICATION

Do not use in patients with dysphagia.

For pediatric patients under 6 years old, use only if recommended by a dentist or physician.

WHERE TO PURCHASE + AVERAGE COST

Prescription only by a dentist.

Average Cost: \$20 to \$30 for a 4.3 oz tube and \$16 to \$24 for a 16 fl oz bottle of rinse.

ADA SEAL OR FDA APPROVAL?

FDA approved but does not carry ASA Seal of Acceptance

MORE ON CLINPRO™

<https://www.solventum.com/en-us/home/f/b00005767/>

REFERENCES

- 3m™ clinpro™ 5000 1.1% sodium fluoride anti-cavity toothpaste, 12000 series. (n.d.). Retrieved February 7, 2025, from <https://www.solventum.com/en-us/home/f/b00005767/>
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- Prevident® 5000 kids RX only. (n.d.-b). <https://www.colgateprofessional.com/products/toothpaste/colgate-prevident-5000-kids-rx-only>