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PreviDent 5000 Plus: Package Insert / Prescribing Info

Package insert / product label

Generic name: [sodium fluoride](#)

Dosage form: dental paste

Drug class: [Mouth and throat products](#)

[Medically reviewed](#) by Drugs.com. Last updated on Mar 24, 2025.

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1.1% Sodium Fluoride

PRESCRIPTION STRENGTH TOOTHPASTE

SPEARMINT

Rx ONLY

PreviDent 5000 Plus Description

Self-topical neutral fluoride dentifrice containing 1.1% (w/w) sodium fluoride for use as a dental caries preventive in adults and pediatric patients.

Active Ingredient

Sodium fluoride 1.1% (w/w).

Inactive Ingredients

water, sorbitol, hydrated silica, PEG-12, tetrapotassium pyrophosphate, sodium lauryl sulfate, flavor, xanthan gum, sodium benzoate, sodium saccharin, FD&C blue no. 1.

PreviDent 5000 Plus - Clinical Pharmacology

Frequent topical applications to the teeth with preparations having a relatively high fluoride content increase tooth resistance to acid dissolution and enhance penetration of the fluoride ion into tooth enamel.

Indications and Usage for PreviDent 5000 Plus

A dental caries preventive, for once daily self-applied topical use. It is well established that 1.1% sodium fluoride is safe and extraordinarily effective as a caries preventive when applied frequently with mouthpiece applicators. ¹⁻⁴ PreviDent® 5000 Plus brand of 1.1% sodium fluoride in a squeezetube is easily applied onto a toothbrush. This prescription dental cream should be used once daily in place of your regular toothpaste unless otherwise instructed by your dental professional. May be used in areas where drinking water is fluoridated since topical fluoride cannot produce fluorosis. (see [WARNINGS](#) for exception).

Contraindications

Do not use in pediatric patients under age 6 years unless recommended by a dentist or physician.

Warnings

Prolonged daily ingestion may result in various degrees of dental fluorosis in pediatric patients under age 6 years, especially if the water fluoridation exceeds 0.6 ppm, since younger pediatric patients frequently cannot perform the brushing process without significant swallowing. Use in pediatric patients under age 6 years requires special supervision to prevent repeated swallowing of dental cream which could cause dental fluorosis. Read directions carefully before using. Keep out of reach of infants and children.

Precautions

General

Not for systemic treatment. DO NOT SWALLOW.

Carcinogenesis, Mutagenesis, Impairment of Fertility

In a study conducted in rodents, no carcinogenesis was found in male and female mice and female rats treated with fluoride at dose levels ranging from 4.1 to 9.1 mg/kg of body weight. Equivocal evidence of carcinogenesis was reported in male rats treated with 2.5 and 4.1 mg/kg of body weight. In a second study, no carcinogenesis was observed in rats, males or females, treated with fluoride up to 11.3 mg/kg of body weight. Epidemiological data provide no credible evidence for an association between fluoride, either naturally occurring or added to drinking water and risk of human cancer.

Fluoride ion is not mutagenic in standard bacterial systems. It has been shown that fluoride ion has potential to induce chromosome aberrations in cultured human and rodent cells at doses much higher than those to which humans are exposed. In vivo data are conflicting. Some studies report chromosome damage in rodents, while other studies using

similar protocols report negative results.

Potential adverse reproductive effects of fluoride exposure in humans has not been adequately evaluated. Adverse effects on reproduction were reported for rats, mice, fox, and cattle exposed to 100 ppm or greater concentrations of fluoride in their diet or drinking water. Other studies conducted in rats demonstrated that lower concentrations of fluoride (5 mg/kg of body weight) did not result in impaired fertility and reproductive capabilities.

Pregnancy

Teratogenic Effects

Pregnancy Category B

It has been shown that fluoride crosses the placenta of rats, but only 0.01% of the amount administered is incorporated in fetal tissue. Animal studies (rats, mice, rabbits) have shown that fluoride is not a teratogen. Maternal exposure to 12.2 mg fluoride/kg of body weight (rats) or 13.1 mg/kg of body weight (rabbits) did not affect the litter size or fetal weight and did not increase the frequency of skeletal or visceral malformations.

There are no adequate and well-controlled studies in pregnant women. However, epidemiological studies conducted in areas with high levels of naturally fluoridated water showed no increase in birth defects. Heavy exposure to fluoride during in utero development may result in skeletal fluorosis which becomes evident in childhood.

Nursing Mothers

It is not known if fluoride is excreted in human milk. However, many drugs are excreted in milk, and caution should be exercised when products containing fluoride are administered to a nursing woman. Reduced milk production was reported in farm-raised fox when the animals were fed a diet containing a high concentration of fluoride (98-137 mg/kg of body weight). No adverse effects on parturition, lactation, or offspring were seen in rats administered fluoride up to 5 mg/kg of body weight.

Pediatric Use

The use of PreviDent® 5000 Plus in pediatric age groups 6 to 16 years as a caries preventive is supported by pioneering clinical studies with 1.1% sodium fluoride gels in mouth trays in students age 11-14 years conducted by Englander, et al.^{2,3,4} Safety and effectiveness in pediatric patients below the age of 6 years have not been established. Please refer to the [CONTRAINDICATIONS](#) and [WARNINGS](#) sections.

Geriatric Use

Of the total number of subjects in clinical studies of 1.1% (w/v) sodium fluoride, 15 percent were 65 and over, while 1 percent were 75 and over. No overall differences in safety or effectiveness were observed between these subjects and younger subjects, and other reported clinical experience has not identified differences in responses between the elderly and younger patients, but greater sensitivity of some older individuals cannot be ruled out. This drug is known to be substantially excreted by the kidney, and the risk of toxic reactions to this drug may be greater in patients with impaired renal function. Because elderly patients are more likely to have decreased renal function, care should be taken in dose selection, and it may be useful to monitor renal function.

Adverse Reactions/Side Effects

Allergic reactions and other idiosyncrasies have been rarely reported.

Overdosage

Accidental ingestion of large amounts of fluoride may result in acute burning in the mouth and sore tongue. Nausea, vomiting, and diarrhea may occur soon after ingestion (within 30 minutes) and are accompanied by salivation, hematemesis, and epigastric cramping abdominal pain. These symptoms may persist for 24 hours. If less than 5 mg fluoride/kg body weight (i.e., less than 2.3 mg fluoride/lb body weight) have been ingested, give calcium (e.g., milk) orally to relieve gastrointestinal symptoms and observe for a few hours. If more than 5 mg fluoride/kg body weight (i.e., more than 2.3 mg fluoride/lb body weight) have been ingested, induce vomiting, give orally soluble calcium (e.g., milk, 5% calcium gluconate or calcium lactate solution) and immediately seek medical assistance. For accidental ingestion of more than 15 mg fluoride/kg of body weight (i.e., more than 6.9 mg fluoride/lb body weight), induce vomiting and admit immediately to a hospital facility.

A treatment dose (a thin ribbon) of PreviDent® 5000 Plus contains approximately 2.5 mg fluoride. A 1.8 oz. tube contains approximately 255 mg fluoride.

PreviDent 5000 Plus Dosage and Administration

Follow these instructions unless otherwise instructed by your dental professional:

1. Adults and pediatric patients 6 years of age or older, apply a thin ribbon of PreviDent® 5000 Plus to a toothbrush. Brush thoroughly once daily for two minutes, preferably at bedtime.
2. After use, adults expectorate. For best results, do not eat, drink or rinse for 30 minutes. Pediatric patients, ages 6-16 years, expectorate after use and rinse mouth thoroughly.

How is PreviDent 5000 Plus supplied

	Spearmint	Fruitastic™
1.8 oz. (51 g) net wt. plastic tubes.	NDC 0126-0287-66	NDC 0126-0286-66
Twin Pack (two 1.8 oz. (51 g) net wt. tubes)	NDC 0126-0287-33	

STORAGE

Store at controlled room temperature, 68-77°F (20-25°C).

References

1. American Dental Association, Council on Dental Therapeutics, Fluoride compounds, In: Accepted Dental Therapeutics, Ed. 40, Chicago, ADA, 405-407 (1984).
2. H.R. Englander et al., Clinical Anticaries Effect of Repeated Topical Sodium Fluoride Applications by Mouthpieces, JADA, 75, 638-644 (1967).
3. H.R. Englander et al., Residual Anticaries Effect of Repeated Topical Sodium Fluoride Applications by Mouthpieces, JADA, 78, 783-787 (1969).
4. Englander HR, et al: JADA 83:354-358, 1971.

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a subsidiary of Colgate-Palmolive Company

New York, NY 10022 U.S.A.

Questions or Comments: 1-800-962-2345

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P10001133

Rev. June 2009

PRINCIPAL DISPLAY PANEL - 51 g Tube Carton

NDC 0126-0287-33

Colgate®

PreviDent®

5000 PLUS®

1.1% Sodium Fluoride

PRESCRIPTION STRENGTH TOOTHPASTE

SPEARMINT

Two - 1.8 OZ (51 g) tubes - Total NET WT. 3.6 OZ (102 g)

Twin Pack

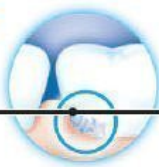
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**PreviDent®
5000 PLUS®**

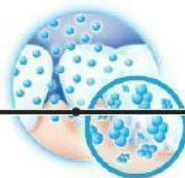
*Clinically Proven to reverse
root caries in just 3 months**

*Combines the effectiveness of
a prescription strength fluoride
with the convenience of an
everyday toothpaste*

*Data on File, Colgate Oral Pharmaceuticals



*When roots are
exposed, they are
more susceptible
to decay...*



*Delivering 4½
times more fluoride than
regular toothpaste helps
repair early root decay...*



*Leaving you with
stronger, healthier
teeth.*

Colgate®

**PreviDent®
5000 PLUS®**

**1.1% Sodium Fluoride
PRESCRIPTION STRENGTH
TOOTHPASTE**

SPEARMINT

Rx ONLY

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**1.1% Sodium Fluoride
PRESCRIPTION STRENGTH TOOTHPASTE
SPEARMINT**

Rx ONLY



Twin Pack
**Two - 1.8 OZ (51 g) tubes -
Total NET WT. 3.6 OZ (102 g)**

NDC 0126-0287-33

Colgate®

**PreviDent®
5000 PLUS®**

**1.1% Sodium Fluoride
PRESCRIPTION STRENGTH TOOTHPASTE
SPEARMINT**



Two - 1.8 OZ (51 g) tubes - Total NET WT. 3.6 OZ (102 g) Twin Pack

Rx ONLY

NDC 0126-0287-33

Description: Self-topical neutral 1.1% sodium fluoride for use as a dental caries preventive in adults and pediatric patients.

Directions for daily use: (unless otherwise instructed by your dental professional)

1. Adults and pediatric patients 6 years of age or older, apply a thin ribbon of PreviDent® 5000 Plus® to toothbrush. Brush thoroughly once daily for two minutes, preferably at bedtime (or as directed).
2. After use, adults expectorate. For best results, do not eat, drink or rinse for 30 minutes. Pediatric patients, ages 6-16 years, expectorate after use and rinse mouth thoroughly. This prescription dental cream should be used once daily in place of your regular toothpaste based on the recommendation of your dental professional.

Precautions: DO NOT SWALLOW. As with all medications, keep out of reach of infants and children. Store at controlled room temperature 68-77°F (20-25°C). See package insert for additional information.

Questions or Comments?
Call toll-free 1-800-962-2345.
www.colgateprofessional.com

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New York, NY 10022 U.S.A.

P10001182 REX 04/08



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EXP:
LOT:



0126028733



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PREVIDENT 5000 PLUS SPEARMINT

sodium fluoride paste, dentifrice

Product Information

Product Type	HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:0126-0287
Route of Administration	DENTAL		

Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
Sodium Fluoride (UNII: 8ZYQ1474W7) (Fluoride Ion - UNII:Q80VPU408O)	Sodium Fluoride	11 mg in 1 mL

Inactive Ingredients

Ingredient Name	Strength
WATER (UNII: 059QF0KO0R)	
Potassium Pyrophosphate (UNII: B9W4019H5G)	
Polyethylene Glycols (UNII: 3WJQ0SDW1A)	
Saccharin Sodium Dihydrate (UNII: SB8ZUX40TY)	
Xanthan Gum (UNII: TTV12P4NEE)	
FD&C Blue No. 1 (UNII: H3R47K3TBD)	
Sodium Benzoate (UNII: OJ245FE5EU)	
Sorbitol (UNII: 506T60A25R)	
Silicon Dioxide (UNII: ETJ7Z6XBU4)	
Sodium Lauryl Sulfate (UNII: 368GB5141J)	

Product Characteristics

Color	BLUE (viscous)	Score
Shape		Size
Flavor	MINT	Imprint Code
Contains		

Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:0126-0287-33	2 in 1 CARTON		
1		53.2 mL in 1 TUBE		

Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
UNAPPROVED DRUG OTHER		08/29/2012	

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- [Prevident 5000 Dry Mouth](#)

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DRUG STATUS

Availability	
Rx	Prescription only
Pregnancy & Lactation	
	Risk data available
CSA Schedule*	
N/A	Not a controlled drug



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