

# Toothpaste Ingredients



Spectrum carries a number of fine chemicals used in dental products as toothpaste ingredients. Our chemicals are available in many different product volumes and sizes, covering many needs in the dental product manufacturing market. Toothpaste ingredients include abrasives, fluorides, remineralizers, flavorants, sweeteners, surfactants, antibacterial agents and other toothpaste ingredients.

## Toothpaste Fluorides

Toothpaste fluoride ingredients are capable of fluoridating tooth enamel, making teeth more resistant to bacterial tooth decay.

Catalog Item	Name	Description
S3450	Stannous Fluoride, Oral Grade	Stannous Fluoride, Oral Grade is an inorganic compound capable of fluoridating tooth enamel, making teeth more resistant to bacterial tooth decay. The compound is a common ingredient in dental products such as toothpaste.
SO167	Sodium Fluoride, Powder, USP, EP, BP	Sodium Fluoride, Powder, USP, EP, BP is an inorganic compound capable of fluoridating tooth enamel, making teeth more resistant to bacterial tooth decay. The compound is a common ingredient in dental products such as toothpaste.
SO184	Sodium Monofluorophosphate, USP	Sodium monofluorophosphate, USP is an inorganic compound capable of fluoridating tooth enamel, making teeth more resistant to bacterial tooth decay. The compound is a common ingredient in dental products such as toothpaste.

## Toothpaste Flavorants

Toothpaste flavorants include a range of essential oils and sweeteners with familiar tastes and odors to dental patients.

Catalog Item	Name	Description
AN119	Anise Oil, FCC	Anise Oil, FCC is an essential oil and a common flavorant in dental products such as toothpaste.
C1840	Cinnamon Bark Oil	Cinnamon Bark Oil is an essential oil and a common flavorant in dental products such as toothpaste.
EU106	Eucalyptus Oil, FCC	Eucalyptus Oil, FCC is an essential oil with antibacterial properties and is a common ingredient in dental products such as mouthwash and toothpaste.
FE135	Fennel Oil, FCC	Fennel Oil, FCC is an essential oil and a common flavorant in dental products such as toothpaste.
GI115	Ginger Oil, FCC	Ginger Oil, FCC is an essential oil and a common flavorant in dental products such as toothpaste.
L1019	Lavender Oil	Lavender Oil is an essential oil and a common flavorant in dental products such as toothpaste.
OR115	Orange Oil, Sweet	Orange Oil, Sweet is an essential oil and a common ingredient in dental products such as mouthwash.
OR115	Orange Oil, Sweet	Orange Oil, Sweet is an essential oil and a common ingredient in dental products such as mouthwash.
PE105	Peppermint Oil, NF	Peppermint oil, NF has both antibacterial and aromatic properties and may be used as an ingredient in dental products such as toothpaste and mouthwash.
PI113	Pine Oil, White	Pine Oil, White is an essential oil and a common flavorant in dental products such as toothpaste.
S1416	Sucralose, NF	Sucralose, NF is an artificial sweetener and is commonly used as a flavorant in dental products such as mouthwash and toothpaste.
SO195	Saccharin Sodium, Dihydrate, Granular, USP	Saccharin Sodium, Dihydrate, Granular, USP is an artificial sweetener and may be used as a flavorant in dental products such as toothpaste and mouthwash.
SP306	Spearmint Oil, FCC	Spearmint Oil, FCC has aromatic properties and may be used as an ingredient in dental products such as toothpaste and mouthwash.
W1044	Wintergreen Oil, Natural	Wintergreen Oil, Natural is an essential oil and a common flavorant in dental products such as toothpaste.

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## Toothpaste Abrasives

Toothpaste abrasives are insoluble particles that help to remove plaque from teeth during cleaning. Mild toothpaste abrasives also perform a polishing action that removes stains from the tooth surface.

Catalog Item	Name	Description
CA130	Calcium Carbonate, Light Powder, USP	Calcium Carbonate, Light Powder, USP is a soft mineral used as an abrasive polishing agent in dental products such as toothpaste and tooth whiteners.
CA160	Dibasic Calcium Phosphate Dihydrate, Powder, USP	Dibasic Calcium Phosphate Dihydrate, Powder, USP has opacifying and abrasive properties and is a common ingredient in dental products such as toothpaste and tooth whiteners. Calcium phosphate also has remineralizing properties for tooth enamel.
AL226	Dried Aluminum Hydroxide Gel, Powder, USP	Dried Aluminum Hydroxide Gel, Powder, USP has abrasive properties and is a common ingredient in dental products such as toothpaste and tooth whitener.
M1289	Mica, Water Ground, 325 Mesh	Mica, Water Ground, 325 Mesh has opacifying and abrasive properties and is a common ingredient in dental products such as toothpaste.

## Other Toothpaste Ingredients

Other toothpaste ingredients include abrasives, fluorides, remineralizers, flavorants, surfactants, antibacterials, humectants, thickeners and buffers.

Catalog Item	Name	Description
A1612	Aloe Vera Oil	Aloe Vera Oil is a natural oil with humectant, analgesic and antibacterial properties and may be used in dental products such as toothpaste.
M1199	Myrrh Oil	Myrrh Oil is an essential oil and a common ingredient in dental products such as toothpaste.
P1843	Potassium Nitrate, Crystal, USP	Potassium Nitrate, Crystal, USP is a common preservative that may be used in dental products such as toothpaste for sensitive teeth.
PO118	Polyethylene Glycol 1000, NF	Polyethylene Glycol 1000, NF has lubricant properties and may be used as an ingredient in dental products such as toothpaste.
S1508	Sodium Tripolyphosphate, FCC	Sodium Tripolyphosphate, FCC is an inorganic compound with a range of uses as a water softener, emulsifier and preservative. It is a common ingredient in dental products such as toothpaste.
SO169	Sodium Polyphosphate, Glassy, FCC	Sodium Polyphosphate, Glassy, FCC is a buffer and emulsifier ingredient commonly found in dental products such as toothpaste.
SO220	Sorbitol Solution, 70 Percent, USP	Sorbitol Solution, 70 Percent, USP has a range of properties including as a thickening agent and humecting agent, making it a useful ingredient in dental products such as toothpaste.
SX1015	Strontium Chloride, Hexahydrate, GR ACS	Strontium Chloride, Hexahydrate, GR ACS is a common ingredient in dental products such as toothpaste for sensitive teeth.
X1017	Xylitol, NF	Xylitol, NF is a compound known for its antibacterial properties as well as for its role in remineralizing tooth enamel. The compound is a common ingredient in dental products such as toothpaste.
G1015	Glycerin, Synthetic, USP, EP, BP, JP	Glycerin, synthetic, USP, EP, BP, JP is used in teeth whitener and toothpaste products along with peroxides, as it accelerates the whitening process.
G1016	Glycerin, Natural, USP, EP, BP	Glycerin, natural, USP, EP, BP is used in teeth whitener and toothpaste products along with peroxides, as it accelerates the whitening process.
SO200	Sodium Saccharin, Dihydrate, Powder, USP	Sodium Saccharin, Dihydrate, Powder, USP is an artificial sweetener and may be used in dental products such as teeth whiteners, toothpaste and mouthwash.
T1589	Triclosan, USP	Triclosan, USP has antibacterial and antifungal properties and is a common ingredient in dental products such as toothpaste.
Z1105	Zinc Chloride, Granular, USP	Zinc Chloride, Granular, USP has antiseptic properties and is a common ingredient in dental products such as mouthwash.
SO125	Sodium Bicarbonate, Powder, USP, EP, BP, JP	Sodium Bicarbonate, Powder, USP, EP, BP, JP is a buffering agent and is commonly used in dental products such as mouthwash toothpaste.
SO180	Sodium Lauryl Sulfate, NF, EP, BP, JP	Sodium Lauryl Sulfate, NF, EP, BP, JP is an organic compound with surfactant properties and is a common ingredient in dental product such as toothpaste.
PR130	Propylene Glycol, USP	Propylene Glycol, USP is a wetting agent and humectant, commonly used in dental products such as toothpaste.
H1148	Hydroxyethyl Cellulose 3,400 cps	Hydroxyethyl Cellulose 3,400 cps is a thickening agent and may be used as an ingredient in dental products such as toothpaste.

## About Spectrum Chemical

Founded in 1971, Spectrum Chemicals & Laboratory Products, a division of Spectrum Chemical Mfg. Corp., is a manufacturer and distributor of fine chemicals and laboratory products and offers the largest selection of monograph chemicals for manufacture of food, drug and personal care products available from a single source. Spectrum has in place the documentation, validation, and qualification systems expected by all quality-driven organizations regardless of their industry's requirements.

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