

Gel Toothpaste

25469



Phase	%	Tradename	INCI	Supplier	Function
A	4.0	ZEMEA	Propanediol	CovationBIO	Humectant, process aid
A	1.0	Cekol 2000A	Sodium Carboxymethylcellulose	Nouryon	Thickener
B	22.75		Water		Solvent
B	0.7	Peppermint Oil	Mentha Piperita Oil	FlavorChem	Flavor
B	0.15	Methyl Salicylate Natural	Methyl Salicylate	Advanced Biotech	Flavor
C	25.0	ZEMEA	Propanediol	CovationBIO	Humectant, process aid
C	0.12		FD&C Green 3		Color
C	0.08		BD&C Blue 1		Color
D	25.0	Zeodent 116	Hydrated Silica	Evonik	Abrasive
D	2.5	Zeodent 165	Hydrated Silica	Evonik	Abrasive
E	0.5	Lathanol LAL Powder	Sodium Lauryl Sulfoacetate	Stepan	Foaming surfactant

Ingredients: Propanediol, Hydrated Silica, Water, Sorbitol, Sodium Carboxymethylcellulose, Mentha Piperita Oil, Sodium Lauryl Sulfoacetate, Sucralose, Malic Acid, Sodium, Benzoate, Potassium Sorbate, Methyl Salicylate, FD&C Green 3,

Procedure

Distinctives

1. Mix A with fast speed impeller until fully incorporated for about 1 minute at 400 RPM
2. Premix B then combine with A should take about 2 minutes at 300 RPM
3. Premix C then add A/B to C and stir for 3 minutes with four-bladed impeller at 300 RPM.
4. Briefly dry mix D and then add to A/B/C in slow increments using a mixed flow impeller at 200 RPM. Slow is key to reducing the incorporation of air so should take 20 minutes
5. Add E and mix for 4 minutes until fully incorporated with mixed flow impeller at 300 RPM

- + Fabulous tasting sulfate-free toothpaste
- + ZEMEA combined with sorbitol delivers a pleasant, sweet sensation
- + Fast, easy processing with no homogenization thanks to the carrier properties of ZEMEA