

Gel Toothpaste - "Sparkling Green"

Oral Care

Ref: OC0394

Product Name	INCI Name	%WW	Supplier
A			
Water	Aqua	13.12	-
Sorbitol 70% Solution	Sorbitol	52.80	www.carldicke.com
Pricerine 9090	Glycerin	8.30	www.croda.com
Blue 1 (0.25% aqueous solution)	Blue 1	0.10	www.spectracolors.com
Yellow 5 (0.25% aqueous solution)	Yellow 5	0.10	www.spectracolors.com
Blanose Cellulose Gum 9M31F	Cellulose Gum	0.40	www.aqualon.com
Levenol C-201	Glycereth-17 Cocoate	5.00	www.kaochemicals-eu.com
B			
Renex PEG-1500	PEG-32	2.50	www.croda.com
C			
Water	Aqua	4.20	
Sodium Saccharin	Sodium Saccharin	0.20	www.alfa.com
Sodium Benzoate	Sodium Benzoate	0.30	www.alfa.com
D			
Tixosil 43	Hydrated Silica	12.68	www.rhodia.com
E			
Peppermint	Flavor	0.10	www.mane.com
Prestige® Sparkling Green	Mica (and) Titanium Dioxide	0.20	www.sudarshan.com

Procedure

1. Mix phase A without Levenol C-201 and let swell for 20 minutes
2. Stir phase A under high shear for 15 minutes
3. Add Levenol C-201 while stirring
4. Heat up phase A to 50°C while stirring
5. Add phase B
6. Mix phase C and add to phase AB
7. Add phase D and stir until homogeneous
8. Add phase E and stir until homogeneous
9. Fill into an appropriate tube

Stability

Stable for at least 3 months at RT and 40°C.

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