FRESH MAGNOLIA TOOTHPASTE

300.23.1.1

ACTIVE AGAINST CARIES. FLUORIDE-FREE. CALCIUM CARBONATE-BASED.

Alternative preservation: Cosphaderm® Magnolia Extract 98, Cosphaderm® TOM, Cosphaderm® Propanediol natural

Phase	Ingredient	COSMOS	INCI	Supplier	%
A	Cosphaderm® Magnolia Extract 98	✓	Magnolia Officinalis Bark Extract	Cosphatec GmbH	0.10
A	Cosphaderm® TOM	✓	Pentylene Glycol, Glyceryl Caprylate, Glyceryl Undecylenate	Cosphatec GmbH	1.00
B	Cosphaderm® Propanediol natural	✓	Propanediol	Cosphatec GmbH	2.00
B	Glycerin		Glycerin	-	15.00
B	Demin. Water		Aqua	-	35.80
B	Xylitol		Xylitol	-	2.00
C	Carbopol® Ultrez-21		Acrylates/C10-30 Alkyl Acrylate Crosspolymer	Lubrizol	0.10
C	Cosphaderm® X 34	✓	Xanthan Gum	Cosphatec GmbH	0.50
D	Kaolin		Kaolin	-	10.00
D	Calcium Carbonate		Calcium Carbonate	Carl Roth GmbH & Co. KG	30.00
E	Ethanol		Alcohol	Carl Roth GmbH & Co. KG	1.00
E	Menthol		Menthol	FREY&LAU GmbH	0.50
F	Perlastan® SC		Sodium/Disodium Cocoyl Glutamate	Schill + Seilacher Struktol GmbH	2.00

MANUFACTURING PROCESS

Phase A: Combine ingredients and stir until Cosphaderm® Magnolia Extract 98 is dissolved.
Phase B: Prepare phase B and add to phase A under stirring. Heat the mixture to 50 °C.
Phase C: Slowly add phase C into A+B and stir until complete dissolution.
Phase D: Prepare phase D and add it to phase A+B+C under stirring.
Phase E: Add phase E to the mixture and stir until everything is homogenous.
Phase F: Prepare phase F and add it to the finished formulation.
Adjust the pH to 7.0 ± 0.05.

SPECIFICATION

Appearance: Milky-white paste
pH: 7.0 ± 0.05
Stability: No separation after centrifugation (4000 rpm, 30 min), stable for 3 months at room temperature and 40 °C
Microbiological stability: proven

Disclaimer: This formulation proposal and our technical application advice are given to the best of our knowledge, but it is for information purposes only and no responsibility is assumed.

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