

FRESH MAGNOLIA TOOTHPASTE

Cosphatec

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.