

Energizing Deodorant Stick

Water-in-wax stick: Energizing effect, Moisturizing

Formulation 00631

ATTRIBUTES

- Contains Natural Ingredients
- Water-in-Wax Base Stick
- Energizing effect
- Moisturizing

DOW CORNING® PRODUCTS

- DOW CORNING® 2501 COSMETIC WAX
- DOW CORNING® 2503 COSMETIC WAX
- DOW CORNING® 5200 FORMULATION AID
- DOW CORNING® AMS-C30 COSMETIC WAX

XIAMETER® PRODUCTS

- XIAMETER® PMX-0245 CYCLOPENTASILOXANE
- XIAMETER® PMX-0345 CYCLOSILOXANE BLEND

Ingredient	Wt. %	Trade Name/Supplier
Phase A		
1. Lauryl PEG/PPG-18/18 Methicone	3	DOW CORNING® 5200 FORMULATION AID
2. Cyclopentasiloxane	12	XIAMETER® PMX-0245 CYCLOPENTASILOXANE
3. Cyclopentasiloxane (and) Cyclohexasiloxane	5	XIAMETER® PMX-0345 CYCLOSILOXANE BLEND
4. C30-45 Alkyl Methicone (and) C30-45 Olefin	13	DOW CORNING® AMS-C30 COSMETIC WAX
5. Coconut (Cocos nucifera) Oil	4	
6. Stearyl Dimethicone	9	DOW CORNING® 2503 COSMETIC WAX
7. Fragrance	2	Activ Bride / Symrise
Phase B		
8. Sodium Chloride	1	
9. Propylene Glycol	3	
10. Bis-PEG-18 Methyl Ether Dimethyl Silane	5	DOW CORNING® 2501 COSMETIC WAX
11. L-Ascorbic Acid	2	L-Ascorbic Acid / BASF Corporation
12. Propylene Glycol (and) Water (and) Ginseng Extract	0.3	Vegetol Ginseng GR 47 Hydro 1 / Gattefosse S.A.
13. dl-alpha-tocopherol acetate	0.1	Vitamin E Acetate / BASF Corporation
14. Deionized Water	40.6	

Procedure

1. Combine phase A ingredients in the main mixing vessel and heat to 75 °C using a hot water bath. Make sure that the sides of the vessel are heated evenly to prevent waxes from solidifying on the sides during processing.
2. In a separate vessel, combine phase B ingredients and heat to 70 °C. Mix to melt the wax and dissolve the salt. No hot water bath is necessary for

phase B.

3. Add phase B to phase A very slowly using a separatory funnel. Mix phase A very rapidly using the vessel / blade configuration described in "Silicone Formulations Aids Booklet," Form 25-718A-01. (1000 mL tall beaker, 1376 rpm).
4. Maintain the temperature of both phases during the phase addition.
5. Cool slowly to about 75 °C with mixing and add fragrance if desired. Never cool quickly such as in a cold water bath.
6. Pour into containers.

Variations

Alternative Dow Corning® Products have not been tested as of this printing.

Stability

Stable through 5 freeze / thaw cycles.

External Reference Material

No external references identified as of this printing.

Dow Corning® Application Patents

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