



Natural Freedom Deodorant Clear Stick: Contains Natural Ingredients, Low Cost

Formulation 00662

ATTRIBUTES

- Clear
- Clear Stick Base Formulation
- Dry Feel
- Moisturizing
- Contains Natural Ingredients
- Low Cost

DOW CORNING® PRODUCTS

- DOW CORNING® 2501 COSMETIC WAX

XIAMETER® PRODUCTS

- XIAMETER® PMX-0245 CYCLOPENTASILOXANE

Ingredient	Wt. %	Trade Name/Supplier
Phase A		
1. Sodium Stearate	8	Sodium Stearate C-1 / Crompton Corporation Sodium Stearate C-7 / Crompton Corporation
2. Propylene Glycol	42.2	Propylene Glycol / The Dow Chemical Company Propylene Glycol USP/FCC / Fisher Chemical Company Propylene Glycol / The Chemistry Store.com
3. Water	5	
4. Isostearyl Alcohol	8	Prisorine 3515 / Croda
5. PPG-3 Myristyl Ether	28.5	Promyristyl PM-3 / Croda
6. Cyclopentasiloxane	3	XIAMETER® PMX-0245 CYCLOPENTASILOXANE
7. Bis-PEG-18 Methyl Ether Dimethyl Silane	3	DOW CORNING® 2501 COSMETIC WAX
Phase B		
8. Triclosan	0.2	Triclosan / Lipo Chemicals Irgasan DP 300 / Ciba Specialty Chemicals Corporation
9. Fragrance	0.5	Escape for Men 9113 / Belle Aire Fragrances
10. Mixture of equal parts essential oils	0.7	Lavandula Angustifolia 7, Cananga Ordata 4, and Citrus Arantium 2 / Essential Oil University
11. 0.1% D&C Green #6 in Isopropyl Myristate	0.9	Green 6 K7016 and Stepan IPM / LCW Sensiet and Stepan

Procedure

1. Add ingredient 1 to the mixing vessel.
2. Add ingredient 2 and begin mixing with a marine propeller type mixer. Use moderate speed.
3. Add remaining phase A ingredients in order while mixing.
4. Heat to 85 °C and maintain heating and mixing until all particles are dissolved.
5. Remove from heat and reduce mixing speed.
6. Cool to 65-70 °C and add phase B ingredients.
7. Discontinue heating and cool gradually while mixing.
8. Pour into containers.

Variations

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

Stability

Stability data for this formulation has not been established.

External Reference Material

No external references identified as of this printing.

Dow Corning® Application Patents

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