



Summer Breeze Antiperspirant Roll-on: Contains Natural Ingredients

Formulation 00659

ATTRIBUTES

- Contains antioxidant
- Long Lasting Fragrance
- No white residue
- Odor Reduction
- Reduced Drying Times
- Contains Natural Ingredients

DOW CORNING® PRODUCTS

- DOW CORNING® 556 FLUID
- DOW CORNING® 5562 CARBINOL FLUID
- DOW CORNING® 9011 SILICONE ELASTOMER BLEND

XIAMETER® PRODUCTS

- XIAMETER® PMX-0245 CYCLOPENTASILOXANE

Ingredient	Wt. %	Trade Name/Supplier
Phase A		
1. Cyclopentasiloxane (and) PEG-12 Dimethicone Crosspolymer	12	DOW CORNING® 9011 SILICONE ELASTOMER BLEND
2. Phenyl Trimethicone	2	DOW CORNING® 556 FLUID
3. Bis-Hydroxyethoxypropyl Dimethicone	2	DOW CORNING® 5562 CARBINOL FLUID
4. Aloe Barbadensis Leaf Extract (and) Canola Oil	1	Aloe Extract - Fixed Oil / Majestic Mountain Sage
Phase B		
5. Cyclopentasiloxane	8	XIAMETER® PMX-0245 CYCLOPENTASILOXANE
6. BHT	0.2	BHT FCC Crystal / Universal Preserv-A-Chem, Inc.
Phase C		
7. Deionized Water	17.2	
8. Colostrum Whey	0.5	Pepha-Nutrix / Pentapharm, CH
9. Water and Propylene Glycol and Oyster Shell Extract and Sea Silt Extract	0.5	Oligoceane / Sederma, Inc./Croda Inc.
10. Glutamylamidoethyl Imidazole	0.1	Imudilin / Exsymol
11. Dipropylene Glycol	5	Dipropylene Glycol - Fragrance Grade / Lyondell Chemical Company
12. Polysorbate 20	0.5	Tween 20 Enzyme Grade / Fisher Chemical Company
13. Water and Aluminum Sesquichlorohydrate	50	Reach 301 / Reheis, Inc.
Phase D		
14. Fragrance	1	Sea Breeze / Symrise

Procedure

1. In the main mixing vessel, add ingredients of phase A and mix.
2. In a separate vessel, combine phase B ingredients and warm gently while stirring until clear.
3. Add phase B to phase A with mixing.
4. In a separate vessel, combine phase C ingredients in order.
5. Begin rapid, turbulent mixing of phase A. Use a dual blade configuration.
6. Add phase C to A / B very slowly using a separatory funnel while maintaining turbulent mixing of phase A.
7. After the addition is complete, mix for an additional 10 minutes.
8. Reduce mixing speed and blend in phase D until uniform.

Variations

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

Stability

Stable at room temperature for at least 3 months. Stable at 50° C for at least 1 month. Stable through at least 5 freeze / thaw cycles.

External Reference Material

No external references identified as of this printing.

Dow Corning[®] Application Patents

This suggested formulation is only a representative formulation and it is not a commercialized product. Dow Corning believes that the information and data on which this formulation is based are reliable, but it has not been subjected to extensive testing for performance, efficacy or safety. BEFORE COMMERCIALIZATION, YOU SHOULD THOROUGHLY TEST THE FORMULATION OR ANY VARIATION OF IT TO DETERMINE ITS PERFORMANCE, EFFICACY AND SAFETY. IT IS YOUR RESPONSIBILITY TO OBTAIN ANY NECESSARY GOVERNMENT CLEARANCE, LICENSE OR REGISTRATION. In addition, Dow Corning has not undertaken a comprehensive patent search on the formulation. Suggestions of uses should not be taken as inducements to infringe any particular patent.

SAFE HANDLING INFORMATION
PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED.
BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. FOR THE MATERIAL SAFETY DATA SHEET PLEASE SEE OUR WEB SITE, DOWCORNING.COM, OR CONSULT YOUR LOCAL DOW CORNING REPRESENTATIVE.

Dow Corning is a registered trademark of Dow Corning Corporation.
XIAMETER is a registered trademark of Dow Corning Corporation.

© 2010 Dow Corning Corporation. All rights reserved.