

Spring Fresh Antiperspirant Roll-on: Light Feel, Non-cooling

Formulation 00658

ATTRIBUTES

- Contains Natural Ingredients
- No White Residue
- Reduced Drying Times
- Soothing / Anti-irritant
- Light Feel
- Non-cooling

DOW CORNING® PRODUCTS

- Dow Corning® 245 FLUID
- Dow Corning® 556 FLUID
- Dow Corning® 5562 CARBINOL FLUID
- Dow Corning® 9011 SILICONE ELASTOMER BLEND

Ingredient	Wt. %	Trade Name/Supplier
Phase A		
1. Cyclopentasiloxane & PEG-12 Dimethicone Crosspolymer	12	Dow Corning® 9011 SILICONE ELASTOMER BLEND
2. Cyclomethicone	8	Dow Corning® 245 FLUID
3. Phenyl Trimethicone	2	Dow Corning® 556 FLUID
4. Bis-Hydroxyethoxypropyl Dimethicone	2	Dow Corning® 5562 CARBINOL FLUID
5. Helianthus Annuus (Sunflower) Seed Oil	1	Sunflower Oil Fixed Oil / Majestic Mountain Sage
Phase B		
6. Deionized Water	36.45	
7. Water and Triticum Vulgare (Wheat) Germ Extract and Saccharomyces Cerevisiae Extract and Sodium Hyaluronate	1	Iricalmin / Pentapharm, CH
8. Camelia HS	0.3	Camelia HS / Alban Muller International
9. Hamamelis Virginiana (Witch Hazel) Extract (and) Alcohol	1	Distilled Witch Hazel USP / American Distilling & MFG
10. Water and Aluminum Sesquichlorohydrate	30	Reach® 301 / Reheis, Inc.
Phase C		
11. Triclosan	0.2	Irganon DP 300 / Ciba Specialty Chemicals Corporation
12. Dipropylene Glycol	5	Dipropylene Glycol - Fragrance Grade / Lyondell Chemical Company
Phase D		
13. Benzotriazolyl Dodecyl p-Cresol	0.05	Tinogard TL / Ciba Specialty Chemicals Corporation
14. Fragrance	1	Natural Purity FC10109/3 / Symrise

Procedure

1. In the main mixing vessel, add ingredients of phase A and mix.
2. In a separate vessel, combine phase B ingredients in order.
3. In a separate vessel, combine phase C ingredients and warm gently while stirring until clear.
4. Add phase C to phase B while mixing.
5. Begin rapid, turbulent mixing of phase A. Use a dual blade configuration.
6. Add phase B / C to phase A 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 for at least 6 freeze / thaw cycles. Stable for at least 2 weeks at 50°C.

External Reference Material

No external references identified as of this printing.

Dow Corning® Application Patents

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