

Moisture-Hold Lotion

Lotion: Moisturization, Occlusive

Formulation 01093

ATTRIBUTES

Moisturization

Occlusive

DOW CORNING® PRODUCTS

DOW CORNING 200® FLUID, 350 CST.

DOW CORNING® HY-3051 SOY WAX BLEND

Ingredient	Wt. %	Trade Name/Supplier
Phase A		
1. Stearic Acid	3	No Tradename Specified / No Supplier Specified
2. Glyceryl Stearate (and) PEG-100 stearate	3	Arlacel 165 / Uniqema
3. Dimethicone	1	DOW CORNING 200® FLUID, 350 CST.
4. Hydrogenated Soybean Oil (and) Hydrogenated Soybean Polyglycerides (and) C15-23 Alkane	9	DOW CORNING® HY-3051 SOY WAX BLEND
Phase B		
5. Water	63	
6. Carbomer	0.1	Ultrez-10 / NOVEON Inc.
Phase C		
7. Water	16	
8. Glycerin	4	Glycerin USP / Fisher Scientific
9. Triethanolamine	0.6	Triethanolamine, 98% / Henkel KGaA
Phase D		
10. Diazolidinyl urea (and) iodopropyl butyl carbamate	0.3	Germall Plus / ISP Sutton Laboratories

Procedure

1. Mix phase B until well dispersed
2. Separately heat phase A and Phase B to 70°C.
3. Slowly add phase B to phase A with turbulent mixing.
4. Continue mixing until temperature reduces to 45°C.
5. Mix phase C ingredients together.
6. Add phase C and then mix for an additional 10 min.
7. 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 least 3 months at RT and 45°C

External Reference Material

No external references identified as of this printing.

Dow Corning® Application Patents

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