

Formulation Information
Skin Moisturizers



In and Out

Silicone-in-Water Day Cream: Light Feel, Smooth Feel

Formulation 00893

ATTRIBUTES

- Ease of Spreading
- In Vitro Sun Protection (SPF 18)
- Low Gloss
- Quick Absorption
- Self-tanner
- Light Feel
- Smooth Feel

DOW CORNING® PRODUCTS

- DOW CORNING® 5200 FORMULATION AID
- DOW CORNING® 5329 PERFORMANCE MODIFIER
- DOW CORNING® 9509 SILICONE ELASTOMER SUSPENSION
- DOW CORNING® FZ-3196

Ingredient	Wt. %	Trade Name/Supplier
Phase A		
1. PEG-12 Dimethicone	4	DOW CORNING® 5329 PERFORMANCE MODIFIER
2. Polysilicone-15	8	Parsol-SLX / DSM Nutritional Products
3. Caprylyl Methicone	22	DOW CORNING® FZ-3196
4. Lauryl PEG/PPG-18/18 Methicone	0.5	DOW CORNING® 5200 FORMULATION AID
5. Tocopheryl Acetate	0.5	dl-alpha-Tocopheryl Acetate / DSM Nutritional Products
6. Perfume	0.5	Pink love 2 / Symrise
7. Phenoxyethanol (and) Methylparaben (and) Butylparaben (and) Ethylparaben (and) Propylparaben (and) Isobutylparaben	0.5	Sepicide HB2 / Seppic S.A.
Phase B		
8. Water	46	
9. Methylene Bis-Benzotriazolyl Tetramethylbutylphenol	3	Tinosorb M / Ciba Specialty Chemicals Corporation
10. Dimethicone / Vinyl Dimethicone Crosspolymer (and) C12-14 Pareth-12	5	DOW CORNING® 9509 SILICONE ELASTOMER SUSPENSION
Phase C		
11. Water	3	
12. Erythrose	2	Erythrose / Pentapharm, CH
13. Dihydroxyacetone and Tyrosine	2	Instrabronze / Alban Muller International
Phase D		
14. Hydroxyethylacrylate/sodium Acryloyldimethyl Taurate Copolymer (and) Squalane (and) Polysorbate 60	3	Simulgel NS / Seppic S.A.

Procedure

1. Mix all ingredients of phase A until homogeneous (700 rpm).
2. Mix. phase B at 700 RPM
3. Mix phase C at 700 RPM
4. Mix phase B and phase C together
5. Slowly add phase A to BC blend at 800 RPM

6. Slowly add phase D and mix during 5 min (800 rpm)
7. Pass through a Silverson (1min/100g)

Variations

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

Stability

Stable for at least 2 months at room temperature and 40°C . Passes 5 freeze/thaw cycles.

External Reference Material

Experience the Difference - Second Skin - September 2006 Viscosity: 9800 cSt (spd: 4, rpm: 10) Original formulation modified by G.Tonet in replacing Liposome by water and 1184 (14%) and HIP 7-3110 (8%) by FZ-3196 (22%)

Dow Corning® Application Patents

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