



Younger Sun

Sunscreen: Nourishing Feel, Powdery Feel, Wrinkle Masking

Formulation 01068

ATTRIBUTES

- Contains anti-wrinkle actives
- Emolliency
- Non-greasy
- SPF 16 (In vivo)
- Nourishing Feel
- Powdery Feel
- Wrinkle Masking

DOW CORNING® PRODUCTS

- DOW CORNING® 2503 COSMETIC WAX
- DOW CORNING® 5200 FORMULATION AID
- DOW CORNING® 5562 CARBINOL FLUID
- DOW CORNING® 9546 SILICONE ELASTOMER BLEND
- DOW CORNING® 9701 COSMETIC POWDER

XIAMETER® PRODUCTS

- XIAMETER® PMX-0345 CYCLOSILOXANE BLEND

Ingredient	Wt. %	Trade Name/Supplier
Phase A		
1. Cyclopentasiloxane (and) Cyclohexasiloxane	10	XIAMETER® PMX-0345 CYCLOSILOXANE BLEND
2. Dimethicone/Vinyl Dimethicone Crosspolymer (and) Silica	6	DOW CORNING® 9701 COSMETIC POWDER
Phase B		
3. Bis-Hydroxyethoxypropyl Dimethicone	3.5	DOW CORNING® 5562 CARBINOL FLUID
4. Zinc Oxide	3.5	Z-Cote / BASF Corporation
Phase C		
5. Cyclopentasiloxane (and) Dimethicone Crosspolymer (and) Dimethicone/Vinyl Dimethicone Crosspolymer (and) Dimethiconol	3	DOW CORNING® 9546 SILICONE ELASTOMER BLEND
6. Stearyl Dimethicone	2	DOW CORNING® 2503 COSMETIC WAX
7. Lauryl PEG/PPG-18/18 Methicone	5	DOW CORNING® 5200 FORMULATION AID
8. Rice oil	2	Beraoil V 1800 / Beraca - Grupo Sabara
9. Theobroma grandiflorum (Cupuacu) Seed Butter	2	Cupuacu Butter / Beraca - Grupo Sabara
10. BHT	0.05	BHT / Merck KGaA
11. Ethylhexyl Methoxycinnamate	6	Neo Heliopan AV / Symrise
Phase D		
12. Water	50.85	
13. Glycerin	3	Glycerin USP / Fisher Scientific
14. Glycerin, butylene glycol, water, carbomer, polysorbate 20,	2	Matrixyl / Croda

palmitoyl pentapeptide-3		
15. Sodium Chloride	1	Sodium Chloride / Merck KGaA
16. DMDM Hydantoin and IodopropylNyl Butylcarbamate	0.1	Glydant Plus / Lonza
Phase E		
17. Fragrance	0.3	High Dream / Firmenich

Procedure

1. Disperse and humect ZnO in DC 5562, preferably using a roller mill, until an acceptable particle size is achieved.
2. Solubilize DC 9701 in DC 345, and homogenize it completely.
3. Blend ingredients 9546 + 2503 + 5200 + Rice Oil + Cupuaçu Butter + Neo Heliopan AV + BHT + ZnO/5562 blend + 9701/345 blend. Homogenize it.
4. In a separate vessel, blend ingredients Water + Glycerine + Matrixyl + Sodium Chloride + Glydant Plus. Homogenize it to solubilize completely NaCl and Glydant.
5. Add water phase to the oil phase, under turbulent mixing (1600-1800 rpm).
6. Add fragrance and mix well.

Variations

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

Stability

Stable for at least 2 months at 45°C.

External Reference Material

No external references identified as of this printing.

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