

Sunny Glow

Cream: Contains self-tanning actives , Glittering, shimmering effect , Sun Protection

Formulation 01125

ATTRIBUTES

Moisturization
Non-greasy
SPF 20 (In vitro)
Contains self-tanning actives
Glittering, shimmering effect
Sun Protection

DOW CORNING® PRODUCTS

Dow Corning® 245 FLUID
Dow Corning® 2502 COSMETIC FLUID
Dow Corning® 556 FLUID
Dow Corning® HMW 2220 NON-IONIC EMULSION

Ingredient	Wt. %	Trade Name/Supplier
Phase A		
1. Octocrylene	2	Neo heliopan 303 / Symrise
2. Octyl Methoxycinnamate	4	Neo heliopan AV / Symrise
3. Ethylhexyl Salicylate	2	Neo Heliopan OS / Symrise
4. Phenyl Trimethicone	6	Dow Corning® 556 FLUID
5. Cetyl Dimethicone	2	Dow Corning® 2502 COSMETIC FLUID
6. Caprylic/Capric Triglyceride	3	Crodamol GTCC / Croda, Inc.
7. Sorbitan Stearate	4.5	Span 60 / Uniqema
8. Oleth-20	1.5	Lipocol O-20 / Lipo Chemicals
9. Ceteth-20	2.5	Lipocol C-20 / Lipo Chemicals
Phase B		
10. Water	31.44	
11. Glycereth-26	4	Liponic EG-1 / Lipo Chemicals
12. Hydroxyethyl Cellulose	0.8	Natrosol 250 HHR / Hercules Inc.
Phase C		
13. Water	20.96	
14. Dihydroxyacetone	5	Dihydroxyacetone / Merck KGaA
Phase D		
15. Cyclopentasiloxane	6	Dow Corning® 245 FLUID
16. Divinyldimethicone / Dimethicone Copolymer (and) C12-13 Pareth-3 (and) C12-13 Pareth-23	3	Dow Corning® HMW 2220 NON-IONIC EMULSION
17. Oleoyl Tyrosine (and) Butylene Glycol (and) Oleic Acid	1	Tyr-OI / Croda, Inc.
18. Phenoxyethanol (and) Methylparaben (and) Butylparaben (and) Ethylparaben (and) Propylparaben (and) Isobutylparaben	0.15	Phenonip / Clariant
19. BHT	0.15	BHT / Merck KGaA
Phase E		

Procedure

1. In a glass vessel, add 60% of the water (phase B), solubilizing Liponic EG-1 on it. Add Cellosize, homogenize, and heat to 75°C.
2. In a separate glass vessel, weight sunscreens (303 + AV + OS), followed by 556, 2502, Crodamol GTCC and Span 60. Homogenize.
3. Add Liposorb O-20 and Lipocol C-20 to "2". Heat it to 70°C.
4. Solubilize dihydroxyacetone in remaining water (phase C), in another vessel.
5. Add "1" (previously homogenized and with viscosity increased) to "2", under constant mechanical agitation. Cool it down to 45°C.
6. Add "4" in "5", maintaining mechanical agitation.
7. Add, separately, 2220, 245, Tyr-ol, BHT and Phenova (phase D). Homogenize it completely.
8. Add fragrance and mix well.

Variations

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

Stability

Stable for at least 2 month at room temperature, 40 °C and 4 °C

External Reference Material

No external references identified as of this printing.

Dow Corning® Application Patents

Dow Corning hopes that this suggested formulation will be of interest to you, but you should be cautioned that this is only a representative formulation and 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. In addition, Dow Corning has not undertaken a comprehensive patent search on the formulation. 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. 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. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE FROM YOUR DOW CORNING REPRESENTATIVE, OR DISTRIBUTOR, OR BY WRITING TO DOW CORNING CUSTOMER SERVICE, OR BY CALLING (989) 496-6000.

Dow Corning is a registered trademark of Dow Corning Corporation.

Copyright 2007 Dow Corning Corporation. All rights reserved.

Last Updated: 11/8/2007 11:30:48 AM