

Formulation Information
Sun Care



Lucidity Anhydrous Sunscreen Gel

Clear Gel: Anhydrous, Clear Gel with Sunscreens, Silky and Powdery Feel

Formulation 01312

ATTRIBUTES

- Non-greasy
- Anhydrous
- Clear Gel with Sunscreens
- Silky and Powdery Feel

DOW CORNING® PRODUCTS

- DOW CORNING® EL-8050 ID SILICONE ORGANIC ELASTOMER BLEND
- DOW CORNING® VM-2270 AEROGEL FINE PARTICLES

Ingredient	Wt. %	Trade Name/Supplier
Phase A		
1. Isododecane (and) Dimethicone/Bis-Isobutyl PPG-20 Crosspolymer	67.45	DOW CORNING® EL-8050 ID SILICONE ORGANIC ELASTOMER BLEND
2. Ethylhexyl Methoxycinnamate	7.5	Uvinul MC 80 / BASF Corporation
3. Octisalate	5	Escalol 587 / ISP Sutton Laboratories
4. Caprylic/Capric Triglyceride	8	Crodamol GTCC / Croda, Inc.
5. Dicaprylyl Ether	12	Cetiol OE / Cognis Corporation, Care Chemicals
6. Silica Silylate	0.05	DOW CORNING® VM-2270 AEROGEL FINE PARTICLES

Procedure

1. Combine all ingredients in a mixing vessel, EXCEPT VM-2270.
2. Mix at 700RPM with marine propeller until homogeneous. (At least 15 minutes.)
3. Increase mixing speed to 1000RPM.
4. Add VM-2270 VERY SLOWLY while continuing to mix.
5. Mix until uniform.

Variations

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

Stability

Stable for at least 3 months at room temperature and 40°C. Passes 5 freeze-thaw cycles.

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.

Print Date: 5/5/2009

Last Updated: 4/29/2009 10:50:50 AM