

Formulation



Formula 1002

Lotion: Moisturization, Occlusive

Attributes
Moisturization
Occlusive

Elevance Renewable Sciences Product Elevance Soft CG-100

Ingredient	Wt. %	Trade Name/Supplier
Phase A		
1. Hydrogenated Soybean Oil (and) Hydrogenated Soybean Polyglycerides (and) C15-23 Alkane	9	Elevance Soft CG-100
2. Stearic Acid	3	No Tradename Specified / No Supplier Specified
3. Glyceryl Stearate (and) PEG-100 stearate	3	Arlacel 165 / Uniqema
4. Dimethicone	1	DOW CORNING® 200 FLUID, 350 CST.
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

Date Issued: 04/01/2014

Revised: 06/01/2016

contact: CustomerService@elevance.com

Elevance Renewable Sciences / 2501 Davey Road / Woodridge, IL 60517 / 877-215-2795 / CustomerService@elevance.com

ALL OF THE ABOVE PRODUCT INFORMATION IS, TO OUR BEST KNOWLEDGE, TRUE AND ACCURATE. HOWEVER, SINCE THE CONDITIONS OF USE OF THIS INFORMATION OR ANY MATERIAL SUPPLIED ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS OR SUGGESTIONS ARE MADE WITHOUT GUARANTEE OR WARRANTY, EXPRESS OR IMPLIED ON OUR PART. WE DISCLAIM ALL LIABILITY IN CONNECTION WITH THE USE OF THE INFORMATION CONTAINED HEREIN OR OTHERWISE. NOTHING CONTAINED HEREIN SHALL BE CONSTRUED TO INFER FREEDOM FROM PATENT INFRINGEMENT. WE EXPRESSLY DISCLAIM ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT THE LAWS OF THE STATE OF ILLINOIS, USA, ARE INCORPORATED INTO AND ARE TO GOVERN THE TERMS OF WARRANTIES.

Formulation



Formula 1002

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.

Stability

Stable at least 3 months at room temperature and 45°C.

External Reference Material

No external references identified as of this printing.

Elevance Renewable Sciences 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. Elevance believes that the information and data on which this formulation is based are reliable, but it has not been subjected to testing for performance, efficacy or safety. In addition, Elevance 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 WILL BE PROVIDED WITH THE FIRST SHIPMENT, BUT IS ALSO AVAILABLE FROM YOUR ELEVANCE REPRESENTATIVE, DISTRIBUTOR, BY WRITING TO ELEVANCE CUSTOMER SERVICE OR BY CALLING 877-215-2795.

Elevance, the *Elevance Renewable Sciences* logo and *Elevance Renewable Sciences* are registered and unregistered trademarks and/or trade names of Elevance Renewable Sciences, Inc.

Date Issued: 04/01/2014

Revised: 07/12/2016

contact: CustomerService@elevance.com

Elevance Renewable Sciences / 2501 Davey Road / Woodridge, IL 60517 / 877-215-2795 / CustomerService@elevance.com

ALL OF THE ABOVE PRODUCT INFORMATION IS, TO OUR BEST KNOWLEDGE, TRUE AND ACCURATE. HOWEVER, SINCE THE CONDITIONS OF USE OF THIS INFORMATION OR ANY MATERIAL SUPPLIED ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS OR SUGGESTIONS ARE MADE WITHOUT GUARANTEE OR WARRANTY, EXPRESS OR IMPLIED ON OUR PART. WE DISCLAIM ALL LIABILITY IN CONNECTION WITH THE USE OF THE INFORMATION CONTAINED HEREIN OR OTHERWISE. NOTHING CONTAINED HEREIN SHALL BE CONSTRUED TO INFER FREEDOM FROM PATENT INFRINGEMENT. WE EXPRESSLY DISCLAIM ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT THE LAWS OF THE STATE OF ILLINOIS, USA, ARE INCORPORATED INTO AND ARE TO GOVERN THE TERMS OF WARRANTIES.

Formulation



Formula 1002

All other trademarks or trade names are the property of their respective owners.

© 2016 Elevance Renewable Sciences, Inc. All rights reserved.

Date Issued: 04/01/2014

Revised: 07/12/2016

contact: CustomerService@elevance.com

Elevance Renewable Sciences / 2501 Davey Road / Woodridge, IL 60517 / 877-215-2795 / CustomerService@elevance.com

ALL OF THE ABOVE PRODUCT INFORMATION IS, TO OUR BEST KNOWLEDGE, TRUE AND ACCURATE. HOWEVER, SINCE THE CONDITIONS OF USE OF THIS INFORMATION OR ANY MATERIAL SUPPLIED ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS OR SUGGESTIONS ARE MADE WITHOUT GUARANTEE OR WARRANTY, EXPRESS OR IMPLIED ON OUR PART. WE DISCLAIM ALL LIABILITY IN CONNECTION WITH THE USE OF THE INFORMATION CONTAINED HEREIN OR OTHERWISE. NOTHING CONTAINED HEREIN SHALL BE CONSTRUED TO INFER FREEDOM FROM PATENT INFRINGEMENT. WE EXPRESSLY DISCLAIM ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT THE LAWS OF THE STATE OF ILLINOIS, USA, ARE INCORPORATED INTO AND ARE TO GOVERN THE TERMS OF WARRANTIES.