




a **Cargill** company

# Dichromatic Moisturizing Warming Mask

Products Highlighted: *Floraesters K-100® Jojoba and Florasomes® Jojoba*



Floraesters® K-100 Jojoba provides a substantive, pleasant, and smooth skin feel to this mask. Florasomes are soft spheres which carry active ingredients evenly throughout a spherical wax matrix and deliver the active ingredients and jojoba emolliency to the skin. In this formula, the Florasomes Jojoba Topaz provide fragrance and the Florasomes Cellini Blue deliver color at the point of application. The inclusion of magnesium sulphate and zeolite provides a delightful heating sensation to the mask. 

Phase	Trade/Common Name	INCI Name	Manufacturer	%wt/wt
A.	Carbowax® Sentry® PEG 400 NF, FCC <b>Floraesters K-100 Jojoba</b>	PEG-8 <b>Hydrolyzed Jojoba Esters (and) Jojoba Esters (and) Water (Aqua)</b>	The Dow Chemical Co. <b>Floratech</b>	15.75 <b>1.00</b>
B.	Carbowax® Sentry® PEG 400 NF, FCC Cab-O-Sil® M-5 Klucel® L CS Hydroxypropylcellulose Pluracare® F 127 NF Colloidal Kaolin NF-Bacteria Controlled Titanium Dioxide (U.S.P.,C.T.F.A, Food Grade) (34PC0748) Magnesium Sulfate, Anhydrous, Powder <sup>1</sup> Zeolite A-4 Preservative	PEG-8 Silica Hydroxypropylcellulose Poloxamer 407 Kaolin Titanium Dioxide Magnesium Sulfate Zeolite -----	The Dow Chemical Co. Cabot Corporation Ashland BASF Corporation Brenntag Specialties, Inc. DyStar Macron Chemicals Ikeda Corporation -----	q.s. 1.50 3.25 2.25 5.00 1.00 20.00 6.00 q.s.
C.	<b>Florasomes Jojoba SMH 10%</b> <b>Cellini Blue, Natural<sup>2</sup></b> <b>Florasomes Jojoba MDH 10%</b> <b>Citrus Fragrance, Topaz<sup>2</sup></b>	<b>Jojoba Esters</b> <b>Jojoba Esters</b>	<b>Floratech</b> <b>Floratech</b>	<b>1.75</b> <b>1.25</b>
<b>Total</b>				<b>100.00</b>

## Mixing Procedure

1. Mix the Floraesters K-100 Jojoba in the Carbowax Sentry PEG 400 NF, FCC of Phase A at room temperature with moderate propeller agitation. Allow time for the Floraesters K-100 Jojoba to completely dissolve into solution.
2. Sift the Cab-O-Sil M-5 slowly into the Carbowax Sentry PEG 400 NF, FCC of Phase B at room temperature with low to moderate propeller agitation. Allow time for the solution to become clear. Slowly sift in the Klucel L CS Hydroxypropylcellulose and allow time for complete hydration. After complete mixing, add Phase A to this mix and raise temperature to 75-80°C. Add the Pluracare F 127 NF and mix until completely dispersed. Add the remaining ingredients of Phase B with low to moderate homomixer agitation until all ingredients are adequately dispersed.
3. Allow the mix to cool to just above room temperature.
4. Add the Florasomes Jojoba of Phase C at room temperature and carefully mix until uniformly dispersed.

<sup>1</sup> Particle size should be 10-50 microns to achieve smooth skin feel.

<sup>2</sup> Color and fragrance of your preference.

**Typical Properties: Penetration: 190 - 210 dmm**

Note: The information herein is based on our research and the research of others and is believed to be accurate. No guarantee of accuracy is made and the products are provided without warranty, expressed or implied and upon condition that purchasers shall make their own tests to determine the suitability, stability or safety of such products for their particular purposes. Likewise, statements concerning the possible use of these products are not intended as recommendations to use these products in infringement of any patent or in the treatment, prevention, or cure of any medical condition. INCI/trade names must be verified with each manufacturer. (Cleared for Public Disclosure)