



Sunflower Facial Moisturizer

Products Highlighted: Florasun® 90 and Floraesters K-20W® Jojoba



a **Cargill** company

This lotion spreads easily and absorbs quickly into the skin, leaving the skin smooth, soft, and supple. Appropriate modifications to this O/W emulsion formula would yield excellent pre-sun or after-sun care products, hand and body lotions, baby lotions, or eye area lotions.

Phase	Trade/Common Name	INCI Name	Manufacturer	%wt/wt
A.	Deionized Water	Water	-----	q.s.
	Versene® Na2 Crystals Chelating Agent	Disodium EDTA	The Dow Chemical Co.	0.03
	Floraesters K-20W Jojoba	Hydrolyzed Jojoba Esters (and) Water (Aqua)	Floratech	0.45
	Propylene Glycol USP/EP	Propylene Glycol	Ashland	5.00
B.	Florasun 90	Helianthus Annuus (Sunflower) Seed Oil	Floratech	10.00
	Arlacel® 165	Glyceryl Stearate (and) PEG-100 Stearate	Croda International	0.60
	Promulgen® D Nonionic	Cetearyl Alcohol (and) Cetareth-20	The Lubrizol Corporation	3.00
	Element14®* PDMS 200	Dimethicone	Momentive Performance Materials	0.50
	Triple Pressed Stearic Acid	Stearic Acid	Essential Ingredients	0.50
C.	Preservative	-----	-----	q.s.
	Fragrance	-----	-----	q.s.
			Total	100.00

Mixing Procedure

1. Heat Phase A to 75°C with moderate propeller agitation.
2. Heat Phase B to 75°C with moderate propeller agitation.
3. Add Phase B slowly to Phase A with rapid to moderate propeller agitation.
4. Force cool to 40°C with moderate propeller agitation. Add Phase C and mix with moderate propeller agitation to room temperature.

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)