

# VITAMIN-E LOTION

with Floraesters<sup>®</sup> 20, Floraesters 30, Florasun<sup>®</sup> 90, and Florasomes<sup>®</sup> Jojoba



This light lotion contains **Florasun 90** which moisturizes and provides an elegant, soothing skin feel. The **Floraesters 20** and **Floraesters 30** provide a moisture barrier while the Vitamin E, delivered by the **Florasomes**, helps to protect against free radicals.

Phase	Trade Name	INCI	Supplier	%WT
A	Deionized Water	Water	-----	q.s.
	Versene <sup>®</sup> Na2 Crystals Chelating Agent	Disodium EDTA	The Dow Chemical Co.	0.01
	Butylene Glycol	Butylene Glycol	Making Cosmetics	4.00
B	<b>Floraesters 20</b>	<b>Jojoba Esters</b>	<b>Cargill Beauty</b>	<b>1.00</b>
	<b>Floraesters 30</b>	<b>Jojoba Esters</b>	<b>Cargill Beauty</b>	<b>1.00</b>
	<b>Florasun 90</b>	<b>Helianthus Annuus (Sunflower) Seed Oil</b>	<b>Cargill Beauty</b>	<b>10.10</b>
	Arlacel <sup>®</sup> 165	Glyceryl Stearate (and) PEG-100 Stearate	Croda International	2.50
	Arlacel <sup>®</sup> 80	Sorbitan Oleate	Croda International	0.50
C	Sepigel <sup>®</sup> 305	Polyacrylamide (and) C13-14 Isoparaffin (and) Laureth-7	Seppic	1.60
D	DL-Panthenol	Panthenol	DSM Nutritional Products	0.50
	Dry-Flo <sup>®</sup> PC	Aluminum Starch Octenylsuccinate	Nouryon	2.00
	Preservative	-----	-----	q.s.
	Fragrance	-----	-----	q.s.
E	<b>Florasomes Jojoba SMH</b> <b>10% Vitamin E, Lapis<sup>1</sup></b>	<b>Jojoba Esters</b>	<b>Cargill Beauty</b>	<b>2.00</b>

<sup>1</sup> Any color or combination of colors may be used.

## PROCESS

1. Heat the deionized water of Phase A to 75°C with moderate propeller agitation. Add the remaining ingredients of Phase A in the order listed.
2. Combine and heat Phase B to 75°C with moderate propeller agitation.
3. Slowly add Phase B to Phase A with rapid to moderate propeller agitation at 75°C. Continue mixing until batch is creamy.
4. Stop heating. At 60°C, add Phase C to Phase AB with moderate propeller agitation. Continue mixing until batch is homogeneous. Continue cooling batch to 45°C.
5. At 45°C, add Phase D in the order listed and mix until uniform. Cool to room temperature.
6. Add Phase E after confirming batch is completely cool.



**PATENTS AND REGULATIONS** The information presented herein is intended to illustrate the possible technical applications of our products. However, since the use of this information and our products is beyond our control, any recommendations or suggestions are made without guarantee of warranty in each country and particularly in the absence of patent rights. In addition, we recommend that the user ensures that this product is in compliance with the local regulations in force, particularly in the country where the finished product is to be consumed. It is the responsibility of the user to comply with the patents and the regulations in force.

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