

AFTER-SUN MOISTURIZING LOTION

with Floraesters® 20, Floraesters 30,
and Florasun® 90



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

PROCESS

1. Heat the deionized water of Phase A to 75°C and 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 propeller agitation at 75°C. Mix until uniform prior to cooling.
4. At 60°C, add Phase C to Phase AB with moderate propeller agitation. Mix until batch is homogeneous. Cool batch to 45°C.
5. At 45°C, add in Phase D in the order listed and agitate until uniform. Cool to room temperature.

This light, soothing after-sun lotion provides a moisturizing treatment to dry, sun-baked skin. The product features **Florasun 90** (high-oleic sunflower oil) and jojoba esters which reduce redness and improve barrier function. This sun care product may be marketed as natural, botanical, and renewable.



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. Cargill has not tested Floraesters 20, Floraesters 30, or Florasun 90 in final OTC drug formulations. Compliance with FDA regulations is the responsibility of the customer.

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