

DEW RENEW AFTER-SUN LOTION

with BotaniButter™, Floramac® 10, L22®, Florasun® 90, Floramac® Macadamia Oil Refined, and Floraesters K-100® Jojoba



There's nothing like a fresh, light veil of moisture after a day in the sun. Dew Renew After-Sun Lotion demonstrates the texture of **BotaniButter™** with smooth application and soft, light after feel. No ocean waves required!



Phase	Trade Name	INCI	Supplier	%WT
A	Deionized water	Aqua	---	q.s.
	Versene® Na2 Crystals Chelating Agent	Disodium EDTA	Dow	0.03
	Satiaxane™ VPC 911	Xanthan Gum	Cargill	0.10
	Zemea® Propanediol	Propanediol	DuPont Tate & Lyle BioProducts	1.00
	BotaniButter™	Behenyl/Oleyl Behenate/Oleate Esters	Cargill	8.00
	Floramac® 10	Ethyl Macadamiate	Cargill	2.00
	Floramac® Macadamia Oil Refined	Macadamia Integrifolia Seed Oil	Cargill	1.00
	Florasun® 90	Helianthus Annuus (Sunflower) Seed Oil	Cargill	1.00
	L22®	Jojoba Oil/Macadamia Seed Oil Esters (and) Squalene (and) Phytosteryl Macadamiate (and) Phytosterols (and) Tocopherol	Cargill	1.00
B	Vegarol® 1898	Stearyl Alcohol	Essential Ingredients	2.50
	Lanette® 16	Cetyl Alcohol	BASF	0.50
	Vercarem® P3S	Polyglyceryl-3 Stearate	Jover Scientech	3.50
	Admul® SSL 1078 K	Sodium Stearoyl Lactylate	Kerry	0.45
	Cutina® GMS-SE	Glyceryl Stearate SE	BASF	0.85
	Lanette® O	Cetearyl Alcohol	BASF	0.85
	Actique® Ceramide	Ceramide NG	Jarchem industries	0.10
	D-Alpha Tocopheryl Acetate	Tocopheryl Acetate	Cargill	0.10
	Vitamin A Palmitate	Retinyl Palmitate	DSM	0.01
	Glycerin	Glycerin	Cargill	3.00
C	Floraesters K-100® Jojoba	Hydrolyzed Jojoba Esters (and) Jojoba Esters (and) Water (Aqua)	Cargill	1.00
	Deionized water	Aqua	---	5.00
D	Citric acid (30% solution)	Citric Acid (and) Water (Aqua)	Cargill	q.s.
	Euxyl® PE 9010	Phenoxyethanol (and) Ethylhexylglycerin	Schülke & Mayr	1.00

CHARACTERISTICS

- **pH:** 5.0-6.0
- **Viscosity:** 93 - 133 kcP (Brookfield RVDV-E, RT, T-C, 2.0 rpm)

PROCESS

1. Mix all the ingredients of Phase A in main vessel with moderate propeller agitation at room temperature. Heat to 75-80°C.
2. In a separate vessel, combine all the ingredients of Phase B and heat to 75-80°C with moderate propeller agitation.
3. Add Phase B to Phase A at 75-80°C with moderate homogenizer agitation until uniform.
4. Shift Phase AB to moderate propeller agitation and cool to 50-55°C.
5. In a separate vessel, combine all the ingredients of Phase C and mix until uniform. Add Phase C to Phase AB at 50-55°C.
6. Add Phase D to Phase ABC in the order listed at 45-50°C with moderate propeller agitation.
7. Stop mixing at 40-45°C.



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. 06/2021

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