

Aloe Aqua Shield Sprayable Sunscreen Lotion for Pump Sprays

Stay protected and hydrated under the sun with our Aloe Sprayable Sunscreen Lotion designed for pump sprays. This lightweight and easy-to-apply lotion, infused with aloe vera, offers effective sun protection while moisturizing and soothing your skin.

Item	Ingredient	Wt%
A	Triglyceride (emollient)	6.0
	Octocrylene (sunscreen)	4.0
	OM-Cinnamate (sunscreen)	6.0
	Cyclo-Dimethicone	1.5
	GelMaker EMU	0.2
	Vitamin E Acetate (antioxidant)	1.0
B	Distilled Water (diluent)	63.0
	ETDA (stabilizer)	0.5
	Glycerin (humectant)	4.0
	PEG-7 Glyceryl Cocoate (emulsifier)	5.8
	Titanium Dioxide Micronized (sunscreen)	4.0
	<u>Innoaloe Aloe Vera gel Concentrate 10 X (AMB)</u>	1.0
C	Allatoin (active ingredient)	0.5
	Vitamin A Palmitate (antioxidant)	1.0
	Paraben-DU (preservative)	1.0
	Fragrance	0.5



Procedure:

This lotion can be processed at room temperature (no heating required). Give Phase A and into a clean disinfected glass beaker and stir until the ingredients are all well mixed. Prepare Phase B in a separate glass beaker. Add the EDTA until dissolved in the water, then add all other ingredients in order, stir after each ingredient. The titanium dioxide needs patience until "wet". Add Phase A to Phase B and stir thoroughly until uniform. Before adding Phase C dissolve the allantoin and 1 tsp. of distilled water, then add to Phase A/B. Add the remaining ingredients of Phase C to Phase A/B and mix again well. If the sunscreen is too thick GelMaker EMU can be reduced or omitted. However if this sprayable sunscreen should become a thicker lotion the GelMaker EMU can be increased (e.g. 2-3%).

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