

Ready, Set, Sun! - SPF 50 (expected) Stick N19847-009

Description

Get ready to hit the ground running with Ready, Set, Sun!

This sunscreen stick provides broad-spectrum UVA/UVB protection in a convenient, on-the-go format.

Formulated with Parsol Shield, DSM's new highly photostable UV filter, and boosted with Nouryon's biodegradable film former SolAmaze™ Natural, it delivers effective sun protection while maintaining a naturally inspired profile. This stick also features Dry-Flo® Pure, which imparts a smooth, silky feel and a non-greasy, dry-touch finish.

The result is a lightweight, easy-to-apply sunscreen stick that leaves skin feeling effortlessly soft, protected, and comfortable throughout the day.

Formula

Trade Name	INCI Name	%w/w	Supplier
Phase A			
Sunflower Oil	Helianthus Annuus (sunflower) oil	33.670	Arista Industries, Inc.
Myritol® 318	Caprylic/Capric Triglyceride	8.000	BASF
Finsolv-TN	C12-15 Alkyl Benzoate	5.000	Innospec Active Chemicals
Jeescreen A	Avobenzone	2.000	Jeen
Parsol EHS	Ethylhexyl Salicylate	5.000	DSM-Firmenich
PARSOL Shield	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	3.000	DSM-Firmenich
Parsol HMS	Homosalate	9.000	DSM-Firmenich
Cetiol® CC	Dicaprylyl Carbonate	4.000	BASF
Coconut Oil	Cocos Nucifera (Coconut) Oil	8.000	Protameen Chemicals Inc
White Beeswax Pastilles SP-422P	Beeswax, Cera Alba, Cire D'abeille	8.000	Strahl & Pitsch
Carnauba Wax	Copernicia Cerifera (Carnauba) Wax	7.000	Strahl & Pitsch
Phase B			
SolAmaze® Natural solution (60% active)	Diisostearoyl Polyglyceryl-3 Dimer Dilinoleate (and) Caprylic/Capric Triglyceride	3.330	Nouryon
Phase C			
DRY-FLO® PURE starch	Aluminum Starch Octenylsuccinate	4.000	Nouryon
Total:		100.000	

Procedure

1. Combine all of Phase A and heat to 75-80C

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2. At 75-80C Add Solamaze natural and begin cooling to 60-65C
 3. At 60-65C add Dry-Flo. Once dispersed, begin filling in packaging.
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Properties

Appearance	Yellow Stick
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Packaging

Packaging: 0.5oz Stick Packaging

All information concerning our products and/or all suggestions for handling and use contained herein (including formulation and toxicity information) are offered in good faith and are believed to be reliable. However Nouryon makes no warranty express or implied (i) as to the accuracy or sufficiency of such information and/or suggestions, (ii) as to any product's merchantability or fitness for a particular use or (iii) that any suggested use (including use in any formulation) will not infringe any patent. Nothing contained herein shall be construed as granting or extending any license under any patent. The user must determine for itself by preliminary tests or otherwise the suitability of any product and of any information contained herein (including but not limited to formulation and toxicity information) for the user's purpose. The safety of any formulations described herein has not been established. The suitability and safety of a formulation should be confirmed in all respects by the user prior to use. The information contained herein supersedes all previously issued bulletins on the subject matter covered.

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