

Cooling Sunscreen Stick

ACAC-SS160811-24

A solid oil gel produced by using a pair of low molecular weight amino acid-derived gelatinization agents. **ELDEW® PS-203R** to improve moisturizing feel and non-tacky after feel

Part	Trade Name	INCI Name	wt %	Function
A	GELATINIZATION AGENT EB-21 *1	Dibutyl Ethylhexanoyl Glutamide	2.00	Gelling Agent
	GELATINIZATION AGENT GP-1 *2	Dibutyl Lauroyl Glutamide	3.00	Gelling Agent
	Eutanol G *3	Octyldodecanol	20.00	Solvent
B	Parsol MCX *4	Ethylhexyl Methoxycinnamate	10.00	UV filter
	Parsol 340 *5	Octylcrylene	2.50	UV Filter
	ELDEW® PS-203R *6	Phytosteryl/Octyldodecyl Lauroyl Glutamate	0.20	Emollient
	Cetiol OE *7	Dicaprylyl Ether	49.30	Emollient
	Finsolve TN *8	C12-15 Alkyl Benzoate	5.00	Emollient
	Polysynlane *9	Hydrogenated Polyisobutene(LMW)	3.00	Stabilizer
	Polysynlane V *10	Hydrogenated Polyisobutene(HMW)	3.00	Stabilizer
	Menthol	Menthol	2.00	Cooling Agent

Procedure:

- 1 Prepare Part A in advance. Dissolution temperature for premix Part A is around 130°C
- 2 Take require amount of Part A and heat to 90-95°C with stirring
- 3 Heat Part B to 80-90°C
- 4 Then add Part A to B with stirring until homogenous and pour into mould

Stability: Passed 3 months test @ 5, 25,45, 50°C

Supplier:

*1,2,6 AJINOMOTO *4,5 DSM *3,7 BASF
*8 Innospec *9, 10 NOF

Created date: APR 2017

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Asia Pacific

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