

Formulation

A clear sun care stick with Hawaii compliant UV filters that gives protection to the environment and personal health.

PHASE A

PHASE TOTAL: 100.0000%

PHASE INSTRUCTIONS

No phase instructions provided.

TRADE NAME	INCI NAME	FUNCTION	W/W %
LexFeel® 700 MB	Polyester-4	LexFeel™ 700 MB is a cushiony humectant and pigment dispersing emollient with additional benefits such as oxidation resistance.	25.0000
LexFeel® 7	Neopentyl Glycol Diheptanoate	LexFeel™ 7 is a light, dry, and spreadable sensory emollient. This ester is excellent for solubilizing UV filters and dispersing pigments. It imparts a non-greasy after-feel and reduces the tackiness of heavier emollients.	28.0000
WetFilm™ MB	Trimethylpentanediol/Adipic Acid/Glycerin Crosspolymer	WetFilm™ MB is a biodegradable, water-resistant film former that remains clear when applied to wet skin.	2.0000
AJK-IS3613	Isostearic Acid, Dibutyl Lauroyl Glutamide, Dibutyl Ethylhexanoyl Glutamide	-	20.0000
Parsol® 1789	Avobenzene (Butyl Methoxydibenzoylmethane)	-	3.0000
Parsol® HMS	Homosalate	-	10.0000
Parsol® 340	Octocrylene	-	6.0000
CASID® HAS	Hydroxystearic Acid	-	5.0000
Spectrastat™ G2 Natural MB	Caprylhydroxamic Acid (and) Glyceryl Caprylate (and) Glycerin	Emollient Skin Conditioning Agent	1.0000

Specifications

PROCEDURE

Combine Items 1 - 8 into a beaker and heat to 110°C while mixing.

Remove from heat when solution is clear.

Add item 9 at 85°C and continue mixing.

Pour into suitable container at 75-80°C and allow to solidify