



Clean get-away - cleansing stick

This sulfate-free cleansing stick gently removes make-up and daily grime while instantly refreshing and hydrating the skin. Convenient solid form won't leak in your purse or bag.



DOWSIL™ 2501 Cosmetic Wax

Water dispersible. Moisturizes, reduces tackiness. Helps boost foam and increases foam density. Non-comedogenic.

DOWSIL™ EP-9801 Hydro Cosmetic Powder

Hydro cosmetic powder that can be readily dispersed in water. Provides smooth and powdery feel to water-based formulations. Water and oil dispersible.



dl- α -Tocopheryl Acetate

Penetrates into the skin; bioconverts in the skin to active tocopherol; reduces UV-induced erythema and lipid peroxidation; helps with wound healing; exhibits anti-inflammatory activity; protects cells from UV damage; scavenges free radicals. Stable liquid form of Vitamin E; moisturizer; in-vivo antioxidant.



Alkamuls® PSML-20

Effective solubilizer for oils and perfumes in water and hydroalcoholic systems. Used as an emulsifier in o/w formulations, usually in combination with Sorbitan Monolaurate as co-emulsifier. HLB: 16.7.

Mackam® 35 UL

A mild amphoteric surfactant derived from coconut oil. Light colored and unsaturated. Foam and viscosity booster that is ideal for natural products.

Rhodacal® LSS-40/AX

Aqueous solution of C14-C16 alpha-olefin sulfonate. Primary anionic surfactant that combines excellent detergency properties and foaming properties and lower irritancy than sodium alkyl sulfates and sodium alkyl benzene sulfonates.

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Formula: NL0027-118-1

Supplier Ingredient	WT%	Trade Name	Supplier
PHASE A			
Sodium Stearate	6.50	Sodium Stearate C-7	PMC Biogenix
Propylene Glycol	30.00	Propylene Glycol USP/EP	Dow
Glycerin	5.00	Glycerin, USP	Univar Solutions
PHASE B			
Water, DI	39.90		
Bis-PEG-18 Methyl Ether Dimethyl Silane	3.00	DOWSIL™ 2501 Cosmetic Wax	Dow
Dimethicone / Vinyl Dimethicone Crosspolymer (and) Silica (and) Butylene Glycol	3.00	DOWSIL™ EP-9801 Hydro Cosmetic Powder	Dow
Sodium C14-16 Olefin Sulfonate	6.00	Rhodacal® LSS-40/AX	Solvay
Cocamidopropyl Betaine	4.00	Mackam® 35-UL	Solvay
PHASE C			
Polysorbate-20	1.00	Alkamuls® PSML-20	Solvay
Tocopheryl Acetate	1.00	dl- α -Tocopheryl Acetate	DSM
Fragrance	0.10	Avocado Mint Fragrance	Chemia
PHASE D			
Phenoxyethanol	0.45		
Ethylhexylglycerin	0.05	Lexgard® E	Inolex

Procedure

- 1) Mix phase A and heat to 70°C or until melted.
- 2) Mix phase B and heat to 70°C.
- 3) Add phase B to phase A with mixing.
- 4) Premix phase C ingredients and add to AB when cooled to 65°C.
- 5) Sequentially add phase D ingredients with mixing at 65°C.
- 6) Pour into package at about 43-44°C (right above set point).

Appearance: Smooth, translucent stick.