

Mild Body Cleanser – Self Foaming

Ref: PS1-221

This very gentle cleansing formula is designed to provide mild cleansing with rich lathering characteristics. **BioPlex Cetylil S-PF** provides skin conditioning and has a low irritation profile adding to the mildness of this formulation.

INCI	Trade Name	Supplier	% W/W
Phase A			
D.I.Water	D.I.Water		76.31
Ammonium Laureth Sulfate	Colonial ALES-2	Colonial Chem.	10.00
Cocoamidopropyl Betaine	Colateric COAB	Colonial Chem.	4.50
Phase B			
Cetyl Triethylmonium Dimethicone PEG-8 Succinate	BioPlex Cetylil S-PF	Biosil	3.00
Phase C			
Fragrance	Ocean Fresh S8-41303	Premier	0.50
PG 26 Buteth 26 PEG 40 Hydrogenated Castor Oil Water	Solubilisant LRI	LCW	2.00
Polysorbate 20	Tween 20	Uniqema	2.00
Phase D			
Propylene Glycol	Propylene Glycol		1.00
Methyl Paraben	Methyl Paraben NF	Protameen	0.20
Propyl Paraben	Propyl Paraben NF	Protameen	0.06
Phenoxyethanol	Phenoxyethanol 93%	UPI	0.30
Phase E			
FD&C Blue #1	FD&C Blue #1 @1% in water	LCW	0.04
D&C Yellow #6	D&C Yellow #6 @1% in water	LCW	0.02
Citric Acid	Citric Acid @50% in water	PCI	0.10

Procedure: Combine ingredients of Phase A together and mix until it is clear. Add Phase B. Mix until it is clear. Combine ingredients of Phase C together. Heat to 35°C and mix until it is clear. Combine ingredients of Phase D together. Mix and heat to 70°C until it is clear. Cool it down to 35-40°C. Add to the main batch with mixing. Add ingredients of Phase E one by one with mixing to add color and adjust the pH.

Parameters: pH 5.6

Stability: Acceptable 8 weeks stability at 4°C, RT 45°C, and 3 F/T cycles

Note : This formulation is developed to be used with an Airfoamer package.

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