

BB cream with Eastman AQ™ 38S polymer and Eastman Sustane™ SAIB

Part	Product name	Wt%	Ingredient/INCI name	Manufacturer
A	Deionized water	49.80	Water (aqua)	—
	Glycerin	5.00	Glycerin	Dow
	SOLAGUM™ AX	0.15	Acacia senegal gum (and) xanthan gum	SEPPIC
	Sodium hydroxide 50%	0.20	Sodium hydroxide	—
	Dermofeel™ PA-12	0.05	Sodium phytate	Evonik-Dr. Straetmans
	Aloe Vera Extract 10X	0.50	Aloe barbadensis (aloe) leaf juice	Terry Laboratories
B	Eastman Sustane™ SAIB MCT	2.00	Sucrose acetate isobutyrate (and) caprylic/capric triglyceride	Eastman
	Stearic acid	2.00	Stearic acid	—
	Lipocol™ SC-1618	1.50	Cetearyl alcohol	Vantage
	SIMULSOL™ 165	5.00	Glyceryl stearate (and) PEG-100 stearate	SEPPIC
	Cetiol® SN	4.00	Cetearyl isononanoate	BASF
	TEGOSOFT® DCE	3.00	Diethylhexyl carbonate	Evonik Industries
C	Cyclomethicone	8.00	Cyclomethicone	Dow
D	KEM Diol	0.80	Phenoxyethanol (and) caprylyl glycol	Akema
	Pigment Blend Bare Neutral	3.00	Titanium dioxide, CI 77492 (iron oxides)	Making Cosmetics
	Titanium dioxide dispersion in octyldodecanol	2.00	Titanium dioxide and octyldodecanol	—
	PARSOL® MCX	3.00	Ethylhexyl methoxycinnamate	DSM
E	Eastman AQ™ 38S polymer (30% solution)	10.00	Polyester-5	Eastman

PROCEDURE

1. Weigh out part A into a clean, sanitized stainless steel vessel, and heat it to 80°–85°C.
2. Make sure that part A is clear and all ingredients completely dispersed before moving on to step 3. Mix with scrapers.
3. Weigh out part B into a clean, sanitized stainless steel vessel. Heat it to 70°–75°C and add part B to part A slowly while mixing.
4. Once homogeneous, incorporate part E. Increase mixing speed.
5. Once homogeneous, start cooling down. Once below 60°C, incorporate part C.
6. Continue cooling down, and add part D at < 50°C.
7. Adjust pH if required.



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