



Soothing Cream
Formulation FC322

This is a creamy light water-in-oil emulsion that spreads easily and absorbs quickly. Its protective action is given by allantoin, Betaine 18-beta-glycyrhethinic acid, providing soothing, moisturizing and anti-reddening effect. The emollient oil phase contains shea butter, brassica abyssinica oil and vitamin E acetate. The emulsifier, Silube J208-212, allows for the addition of high amounts of volatile silicone and of the silicone polymer, thereby giving the product an extremely soft touch.

<u>Phase</u>	<u>Ingredient</u>	<u>INCI Name</u>	<u>%w/w</u>
Part A	Deionized Water (+1% evaporation)	Aqua	59.70
	Glycerin	Glycerin	2.00
	Natural Extract AP (Danisco)	Betaine	1.00
	Ronacare Allantoin (Merck)	Allantoin	0.10
	Dissolvine GL 38 (Akzo)	Tetrasodium Glutamate Diacetate	0.30
Part A1	Carbopol Ultrez 10 (Noveon)	Carbomer	0.50
Part A2	Aristoflex AVC (Clariant)	Ammonium Acryloyl-Dimethyltaurate/VP Copolymer	1.00
Part B	Marigold Oily Extract	Zea Mays Oil, Calendula Officinalis Extract	1.00
	Lipex Shea	Butyrospermum Parkii Butter	1.00
	Abyssinian Oil (Fancor)	Crambe Abyssinica Seed Oil	1.00
	Eutanol G (Cognis)	Octyldodecanol	6.00
	Nexbase 2004 (Fortum)	Hydrogenated Polydecene	6.00
	Glycyrrhethinic Acid (Indena)	Glycyrrhethinic Acid	0.10
	Tocopheryl Acetate	Tocopheryl Acetate	0.30
	Silube J208-212 (Siltech)	Lauryl PEG-8 Dimethicone	5.00
Phenoxyethanol	Phenoxyethanol	0.80	
Part C	Silsoft 1215 HV (Momentive)	Dimethiconol Cyclopentasiloxane	2.00
	Cyclopentasiloxane	Cyclopentasiloxane	6.00
Part D	Deionized Water	Aqua	2.00
	Lactic Acid (sol. 80%)	Lactic Acid Aqua	0.15
	NaOH (sol. 10%)	Sodium Hydroxide Aqua	2.50
Part E	Deionized Water	Aqua	2.00
	Germall II (ISP)	Diazolidinyl Urea	0.25
Part F	Fress Area 131/ES 0702131/ES (M&M)	Parfum	<u>0.30</u>
			<u>101.00</u>

Appearance: Creamy, white emulsion

Viscosity: pH (10% in water): 6.3 - 6.7

25°C – Brookfield RVT-Helipath C 68,000 2.5 rpm 42,000 5 rpm

Procedure:

1. Prepare A in the main mixer under vacuum. Then add A1, and, after complete swelling, A2; then mix and homogenize until complete swelling. Heat to 70-75°C.
2. Melt B at 70-75°C, then add to A+A1+A2.
3. Homogenize. Cool to 40°C while mixing.
4. Then add C, D, E and F. Cool to room temperature under vacuum.

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