



Tomorrow's Vision... Today!

SilDerm® Emulsifying BG Sample Formulations

Code: 30314
INCI Name: Butylene Glycol & Polymethylsilsesquioxane
CAS #: 107-88-0 & 68554-70-1
EINECS #: 203-529-7 & N/A

Sample Finished Formulation Guidelines

Cream with SilDerm Emulsifying BG
FNBB01-80-C - Cream With SilDerm Emulsifying BG

Version1/12-12-15/Form#87



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Cream with SilDerm Emulsifying BG Formulation Code: FNBB01-80

Ingredient	Trade Name/Vendor	%
Phase I		
Water	Water	QS
Butylene Glycol (and) Polymethylsilsesquioxane	Silderm Emulsifying BG/Active Concepts, LLC	5.00
Sodium Phytate	Dermofeel PA-3/Dr. Straetmans	0.20
Glycerin	Glycerin	5.00
Water (and) Algae Extract	AC Alg-Moist EAU/Active Concepts, LLC	2.00
Carbomer	Ultrez 10/Noveon	0.50
Phase II		
Hellanthus Annuus (Sunflower Seed) Oil	Lipovol SUN/Lipo Chemicals	1.00
Glyceryl Stearate	Lipo GMS 450/Lipo Chemicals	2.50
Punica Granatum (Pomegranate) Sterols	ABS Pomegranate Sterols/Active Concepts, LLC	2.00
Orbignya Oleifera Seed Oil	Babassu Oil/Active Concepts, LLC	1.00
Simmonsia Chinensis (Jojoba) Seed Oil	Jojoba Oil/Purcell	1.50
Beeswax	White Beeswax/Strahl & Pitsch	0.50
Phase III		
Lactobacillus/Arundinaria Gigantea Ferment Extract	ACB Bamboo Bioferment/Active Concepts, LLC	2.00
Phase IV		
Water	Water	1.00
Trietholamine	TEA 99%/Rita Corp.	0.30
Phase V		
Saccharomyces/ Capsicum Annum Fruit Ferment Filtrate	AC DermaPeptide Micro C/Active Concepts, LLC	2.00
Lactobacillus Bulgaricus Ferment Filtrate	ACB Yogurt Dermal Respiratory Factor/Active Concepts, LLC	3.00
Lactobacillus/Wasabia Japonica Root Ferment Extract	ACB Wasabi Extract/Active Concepts, LLC	2.00
Propylene Glycol (and) Diazolidinyl Urea (and) Methylparaben (and) Propylparaben	Germaben II/ISP	1.00

Manufacturing Process:

- Phase I:** Charge water into main beaker and begin propeller mixing. A vortex should form. Charge SilDerm Emulsifying BG, Dermofeel PA-3, Glycerin, and AC Alg-Moist EAU. Mix well for 15 minutes. Sift in Ultrez 10. Begin heating to 75°C.
- Phase II:** In a separate beaker, blend ingredients together and heat to 80°C. Once temperatures have been reached, add to main. Maintain temperature of 78°C and continue mixing for 15 minutes.
- Phase III:** Remove heat. Add at 60°C.
- Phase IV:** Pre-blend and add to main.
- Phase V:** Begin force cooling. Add to main at 45°C.

Version#2/10-09-12