


TITLE: NATURAL BB CREAM
FORMULATION #YL-7-98-B

Ingredient	Product Type	Market Focus	Function	Skin Types	Method	Snap Shot
	Cream	Men and Women	Moisturization Repairs	All	Modified hot process	Natural BB cream with Hydresia®

Key Ingredients

Trade Name	INCI Name	Wt%
PHASE A		
Water	Aqua	QS
Granulated Amigel (Alban Muller)	Sclerotium Gum	1.00
Xanthan Gum (Jungbunzlauer)	Xanthan Gum XGF FF	0.30
Glycerin 95%	Glycerin	3.00
PHASE B		
Lipocol C (Lipo)	Cetyl Alcohol	1.50
Vegetatum Omega	Canola Oil (and) Linum Usitatissimum (Linseed) Seed Oil (and) Silica (and) Rosemary Extract	2.00
Cetiol OE (BASF)	Dicaprylyl Ether	5.00
Sepimax Zen (SEPPIC)	Polyacrylate Crosspolymer-6	0.75
Covi-OX T-70 (BASF)	Tocopherol	0.20
PHASE C		
Titanium Dioxide (kronos)	Titanium Dioxide #3328	2.00
Olympic H USP (Luzenac)	Talc	4.00
Red Iron Oxide	Iron Oxides	0.08
Yellow Iron Oxide	Iron Oxides	0.20
Black Iron Oxide	Iron Oxides	0.02
PHASE D		
Hydresia® SF2 (Botaneco)	<i>Carthamus Tinctorius (Safflower) Oleosomes + Water</i>	6.00
PHASE E		
Preservative		QS
NAB Willowbark Extract (Arch)	Salix Alba (Willow) Bark Extract	5.00
AquaCacteen (Mibelle)	Water, Glycerin, Opuntia Ficus-Indica Stem Extract	2.00
Canadian Willowherb 5% clear (Unipex)	Water + Epilobium Angustifolium Flower/Leaf/Stem Extract	3.00
Fucocert (Solabia)	Biosaccharide gum 1	2.00

Procedure

1. To prepare Phase A, quickly add Granulated Amigel to the water under strong agitation. Mix together the other ingredients and add. Mix for 30 minutes and heat to 55-60°C, put aside.
2. Weigh together and mix Phase B and heat to 55-60°C, put aside.

3. Weight together Phase C and micronized them. Add to Phase B and maintain the temperature at 55-60°C.
4. Add Phases B, C to Phase A and homogenize for 10 minutes at 4000 rpm.
5. Add in Phase D and homogenize at 2000 rpm for 10 minutes, while maintaining the temperature at 55-60°C.
6. Cool down while using side scraper for mixing.
7. At 45 °C, add in Phase E while mixing well between each addition.
8. Adjust the pH to between 4.3 – 4.8, continue cooling.

SPECIFICATIONS

Appearance and Odor – Thick light brown emulsion, Neutral Odor pH–4.3–4.8
Viscosity (Brookefield RVF #6 @20 rpm, 25°C) 30,000- 35,000 cps

Sales & Technical Support

sales@botaneco.ca

403.668.6685

Information contained in this technical literature is believed to be accurate and is offered in good faith for the benefit of the customer. This company, however, cannot assume any liability or risk involved in the use of its chemical products since the conditions of use are beyond our control. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. The customer must insure that its uses of our products are non-infringing. We make no warranty of any kind, expressed or implied other than the material conforms to the standard applicable specification.