

# Presperse Finished Products

635 Pierce Street • Somerset, NJ 08873 • Tel: (732) 356-5200 • www.presperse.com

## Protect Naturally

(Natural Skin Cream)

Formula #:38-16-1, Date: 4/29/10

WHAT IS IT?	A moisturizing facial cream that protects skin with natural arctic oil ingredients.
HOW DO YOU USE IT?	Gently massage onto face and rub into skin until an even film is formed and skin is dry.
WHO SHOULD USE IT?	Anyone seeking a natural cream that repairs rough and damaged skin while maintaining moisture.
WHAT DOES IT DO?	<b>AQUPEC® HV-505E</b> is a water soluble polymer that has thickening and spreadability properties. <b>PELLICER™ L-30</b> is the only emulsifier that forms liquid crystals and repairs rough, damaged skin and recovers skin elasticity with improved barrier function. <b>RED ALFA LINGONBERRY SEED OIL</b> protects, lightens and conditions the skin. <b>RED TOCOL CRANBERRY SEED OIL</b> provides essential fatty acids and tocotrienols for nourishing, moisturizing, and protecting the skin.

Trade Name	INCI Name	Supplier	% W/W
<b>PHASE A</b>			
Deionized Water	Water	N/A	73.60
<b>AQUPEC HV-505E</b>	Carbomer	<b>Presperse, LLC</b>	0.60
Trilon BD	Disodium EDTA	BASF	0.10
Propylene Glycol	Propylene Glycol	Ruger	2.00
<b>PELLICER L-30</b>	Sodium Dilauramidoglutamide Lysine (and) Water	<b>Presperse, LLC</b>	0.10
<b>PHASE B</b>			
Olive Oil	Olea Europaea (Olive) Oil	Jeen	5.00
Crodacol C-70	Cetyl Alcohol	Croda	2.00
<b>RED ALFA LINGONBERRY SEED OIL</b>	Vaccinium Vitis-Idaea (Lingonberry) Seed Oil	<b>Presperse, LLC</b>	2.50
<b>RED TOCOL CRANBERRY SEED OIL</b>	Vaccinium Macrocarpon (Cranberry) Seed Oil	<b>Presperse, LLC</b>	2.50
Ceraphyl 368	Ethylhexyl Palmitate	ISP	5.00
Ceraphyl 375	Isostearyl Neopentanoate	ISP	5.00
<b>PHASE C</b>			
TEA 99%	Triethanolamine	Dow Chemical	0.60
<b>PHASE D</b>			
Euxyl PE 9010	Phenoxyethanol (and) Ethylhexylglycerin	Schulke	1.00

Presperse products appear in bold.

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## P R O C E D U R E

1. In a main kettle add water and begin prop mixing with medium speed at 25 °C.
2. Slowly disperse Aqupec HV505E in water and mix until uniform.
3. Add Disodium EDTA, then Propylene Glycol to main kettle and mix until uniform.
4. Add Pellicer L-30 to Phase A and heat to 50-60 °C and mix with medium speed.
5. In a separate vessel, combine Phase B ingredients and heat to 50-60 °C and mix with medium speed until uniform.
6. Add Phase B to Phase A when both are at 50-60 °C with medium speed. Mix until uniform.
7. Add Phase C and homogenize gently (approx. 5,000-6000 rpm) for 5 min.
8. Cool to 35°C and Add Phase D with prop mixing.
9. Cool to room temperature.

INGREDIENT	FUNCTION
<b>AQUPEC HV505E</b>	Provides excellent thickening properties with improved spreadability and emulsion stabilization.
<b>PELLICER L-30</b>	Emulsifer that forms liquid crystals and repairs rough, damaged skin and recovers skin elasticity with improved barrier function.
<b>RED ALFA LINGONBERRY SEED OIL</b>	High in alpha-linolenic acid which protects, lightens, and conditions skin.
<b>RED TOCOL CRANBERRY SEED OIL</b>	Rich in linoleic acids and alpha-linolenic acids. Provides UV damage protection, free radical scavenging, anti-aging and skin moisturization.

S P E C I F I C A T I O N S	
APPEARANCE	White viscous cream
pH	5.5 - 6
Viscosity	8,000 – 9,000 cps (spindle #7, 100rpm @ 1min)

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