

# Presperse Finished Products

## In Control

(Oil Control Lotion)

(#36-17-1)

WHAT IS IT?	An o/w lotion specifically formulated for post acne skin conditions utilizing <b>PRESPERSE MARINE AND BOTANICAL EXTRACTS</b> .
HOW DO YOU USE IT?	Apply a small amount onto fingers and gently message into skin.
WHO SHOULD USE IT?	Anyone seeking a sebum controlling, post-acne moisturizer, which is non-drying and leaves the skin feeling soft. Those wanting to keep their acne under control through the use of natural botanicals and marine extracts. Ideal for skin types that overproduce sebum causing pre-acne skin conditions especially in the targeted "T" zone area of the forehead, nose and chin.
WHAT DOES IT DO?	This cream offers great moisturizing properties without leaving a heavy, greasy after-feel. The <b>Spheron LP 230</b> removes excessive oil secretion to even out skin tone while <b>Phlorogine BG</b> (algae extract) works as a sebum flow regulator to control skin from excessive sebum production. <b>Portulaca Extract</b> helps to control and prevent inflammation and irritation during pre-breakout and post-acne stages.
WHAT'S IN IT?	Water, Portulaca Oleracea Extract, Glycerin, Isoeicosane, Ethylhexyl Palmitate, C13-16 Isoparaffin, C12-14 Isoparaffin, C13-15 Alkane, Glyceryl Stearate, PEG-100, Chondrus Crispus (Carrageenan) Extract, Myristyl Myristate, Cetearyl Alcohol, Stearic Acid, Ceteth-20, Cetyl alcohol, Polyethylene, Sodium Hydroxide, Disodium EDTA

Presperse products appear in bold. Formula #: 36-17-1, Date: 05/01/09

Trade Name	INCI Name	Supplier	% W/W
<b>PHASE A</b>			
Deionized Water	Water	N/A	58.05
Glycerine (99.7%)	Glycerine 99.7%	Jeen International Corp.	3.00
Botanistat PF-64	Phenoxyethanol (and) Ethylhexylglycerin (and) Caprylyl Glycol (and) Hexylene Glycol	Botanigenics, Inc.	1.00
Disodium EDTA	Disodium EDTA	N/A	0.05
Xanthan Gum(2% solution)	Water (and) xanthan gum	CP Kelco	15.00
<b>PHASE B</b>			
<b>SiClone® SR5</b>	C <sub>13-16</sub> Isoparaffin, C <sub>12-14</sub> Isoparaffin, C <sub>13-15</sub> Alkane	<b>Presperse, LLC</b>	5.50
<b>Permethyl® 102A</b>	Isoeicosane	<b>Presperse, LLC</b>	2.00
Ceraphyl 368	Ethylhexyl Palmitate	ISP. Inc.	1.00
JeeChem MM	Myristyl Myristate	Jeen International Corp.	1.00
Lipomulse 165	Glyceryl Stearate (and) PEG-100	Lipo Chemical	3.25
Crodacol CS-50	Cetearyl Alcohol	Croda Inc.	0.75
Jeecol CA-20	Ceteth-20	Jeen International Corp.	0.50
Stearic Acid	Stearic Acid	Jeen International Corp.	0.75
Crodacol C-95	Cetyl alcohol	Croda Inc.	0.25
<b>Microslip 220L</b>	Polyethylene	<b>Presperse, LLC</b>	0.50
<b>PHASE C</b>			
<b>Spheron LP 230</b>	Silica	<b>Presperse, LLC</b>	1.00
<b>PHASE D</b>			
NaOH, (18% soln)	Water and Sodium Hydroxide	N/A	0.40



**PHASE E**

<b>Portulaca Extract</b>	Butylene Glycol (and ) Water (and) Portulaca Oleracea Extract	<b>Presperse, LLC</b>	3.00
<b>Phlorogine BG</b>	Water (and) Butylene Glycol (and) Laminaria Saccharina Extract	<b>Presperse, LLC</b>	3.00

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**P R O C E D U R E**

1. Combine Phase A in a main kettle and heat to 78-80°C.
2. Combine Phase B in a separate vessel and heat to 78-80°C.
3. Slowly add Phase B to Phase A with prop mixing (medium-high speed, 78-80°C) Continue mixing for 3-5 minutes or until batch is homogeneous.
4. Slowly add Phase C to Phase AB, Continue mixing for additional 1-3 minutes or until batch is homogeneous.
5. Cool batch with prop mixing (low speed, 35°C).
6. Check pH, adjust to 4-7 using NaOH (18%) solution.
7. At 35°C, add Phase E in the listed order to batch and prop mix (low speed) for 2-3 minutes or until batch homogeneous.
8. Cool batch to 25°C.

INGREDIENT	FUNCTION
SiClone SR5	Provides volatility and a light after-feel on the skin
Permethyl 102A	Provides a satiny after-feel on the skin
Microslip 220L	Offers a luxurious creamy feel in an emulsion
Spheron LP-230	Oil Absorber
Portulaca Extract	Anti-Inflammatory, Anti-Irritation
Phlorogine BG	Sebum flow regulator for oily skin balance

**S P E C I F I C A T I O N S**

APPEARANCE	Semi-solid white emulsion
Odor	Characteristic
pH	5.5-7
VISCOSITY (LVT#4 @12rpm)	40,000 – 80,000 cps

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