

Distinctive[®] Moisture Soft 101

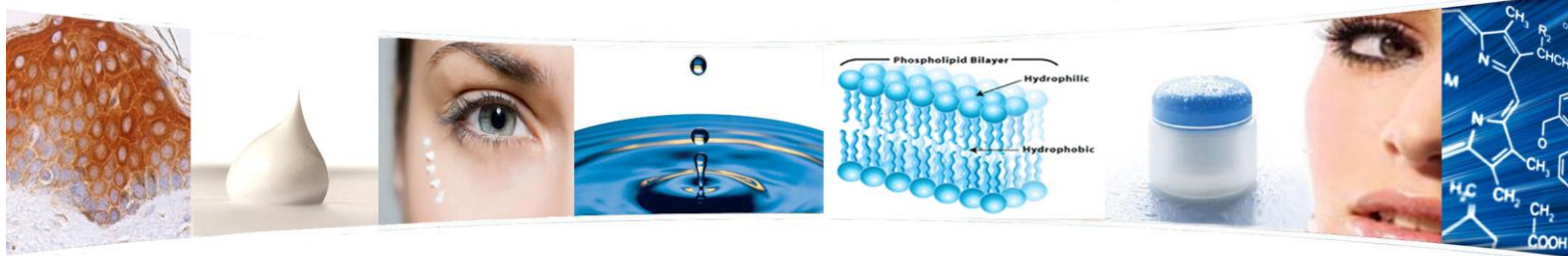
INCI: Glycerin (and) Behenyl Alcohol (and) Isopropyl Palmitate (and) Octyldodecanol (and) Beeswax (and) Cetyl Alcohol (and) Hydrogenated Lecithin (and) Palmitic Acid (and) Propanediol

June 4, 2015 rev.

DC3990

The Emulsifying Moisture-Layers Base

Distinctive[®] Moisture Soft 101 is a self-emulsifying concentrate with components similar to those found naturally in healthy skin. This self-emulsifying base forms moisture-entrapping layers mimicking the layered, lamellar structures in the skin. These slow releasing, super-hydrating layers leave skin feeling soft, supple and velvety-smooth, even hours after application. Distinctive[®] Moisture Soft 101 conditions and hydrates skin, reinforcing its defense against the elements and restoring a healthy moisture balance.



Distinctive[®] Moisture Soft 101 is simple to formulate with and may be used in a wide variety of product applications. It is highly versatile, minimizing the need for using numerous ingredients in your skin care products and is recommended for all complexion types.

BENEFITS

- ◆ Moisturizing
- ◆ Skin compliant
- ◆ Bio-mimetic
- ◆ Easy to formulate with
- ◆ Excellent versatility
- ◆ Highly efficient
- ◆ Chemically stable
- ◆ Natural

APPLICATIONS

- ◆ Creams & Lotions
- ◆ Anti-aging
- ◆ Serums
- ◆ Sensitive skin
- ◆ Sun Care
- ◆ Butters/Balms

TYPICAL PROPERTIES

Appearance
Odor

To match standard
Characteristic

FORMULATION GUIDELINES

Typical use levels

7-28%

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Sensorial and textural versatility controlled by 3 formulation dials



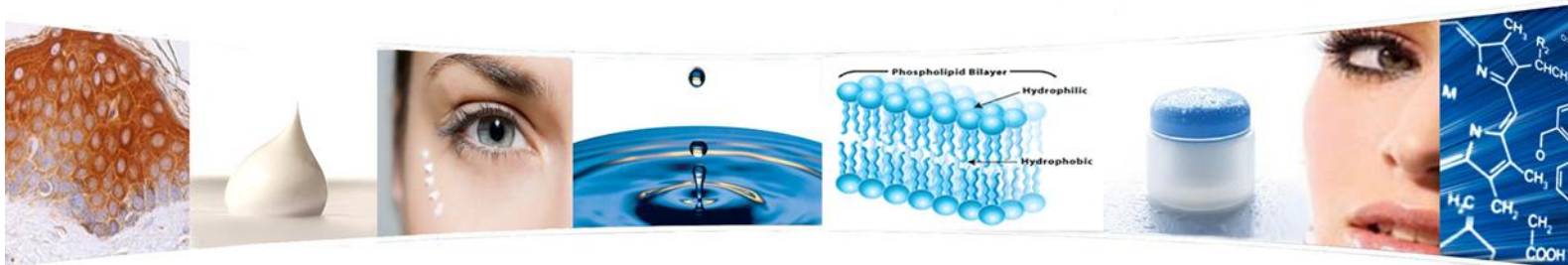
MOISTURE LAYER CREAMS

PHASE	INGREDIENT	RON22-86-1	RON22-86-2	RON22-86-3
A	Water	q.s.	q.s.	q.s.
A	Disodium EDTA	0.05	0.05	0.05
A	Carbopol Ultrez 20 Polymer	0.10	0.10	0.10
B	Glycerin	0.50	0.50	0.50
B	Xanthan Gum	0.10	0.10	0.10
C	Distinctive[®] Moisture Soft 101	28.00	17.00	11.00
D	Essachem O	5.00	5.00	3.80
D	Essachem BW	2.00	2.00	2.00
D	Zenibee Cream	-	1.60	2.80
D	Finsolv TN	7.00	5.40	5.40
E	Sodium Hydroxide 20% Solution	0.15	0.15	0.15
F	Diocide	<u>1.00</u>	<u>1.00</u>	<u>1.00</u>
		100.00	100.00	100.00

Procedure: To the main vessel, add water and begin mixing with a propeller mixer. Add remainder of Phase A ingredients. Begin heating to 80°C. Premix Phase B ingredients and add to batch. Mix until uniform. At 80°C, add Phase C ingredient to batch. Mix until uniform. Premix Phase D ingredients and add to batch at 80°C. Mix for 5 minutes. Homogenize batch at 80°C for 5 minutes. Switch back to propeller mixer. Add Phase E ingredient at 80°C. Add Phase F ingredient at 45°C. Cool to Room Temperature.

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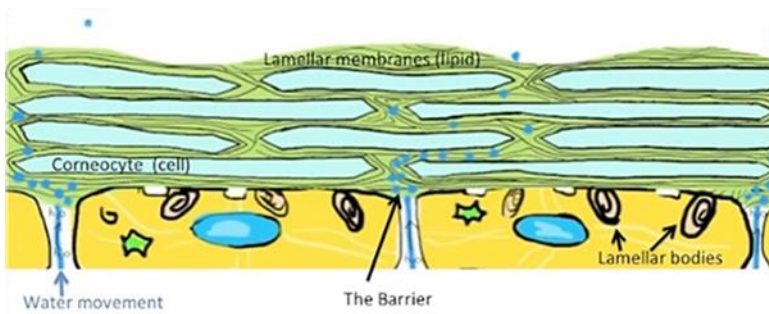
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MOISTURE LAYER LOTIONS

PHASE	INGREDIENT	RON22-80-1	RON22-80-2	RON22-80-3
A	Water	q.s.	q.s.	q.s.
A	Disodium EDTA	0.05	0.05	0.05
A	Carbopol Ultrez 20 Polymer	0.10	0.10	0.10
B	Glycerin	0.50	0.50	0.50
B	Xanthan Gum	0.10	0.10	0.10
C	Distinctive[®] Moisture Soft 101	18.00	11.00	7.00
D	Cetiol OE	4.50	4.50	4.50
D	Essachem AR-5	3.00	3.00	3.00
D	Essachem O	1.50	1.50	1.50
E	Sodium Hydroxide 20% Solution	0.15	0.15	0.15
F	Diocide	<u>1.00</u>	<u>1.00</u>	<u>1.00</u>
		100.00	100.00	100.00

Procedure: To the main vessel, add water and begin mixing with a propeller mixer. Add remainder of Phase A ingredients. Begin heating to 80°C. Premix Phase B ingredients and add to batch. Mix until uniform. At 80°C, add Phase C ingredient to batch. Mix until uniform. Premix Phase D ingredients and add to batch at 80°C. Mix until uniform. Begin cooling batch. At 70°C, add Phase E ingredient. Mix until uniform. Homogenize batch for 5 minutes. Switch back to propeller mixer. Add Phase F ingredient at 45°C. Cool to Room Temperature.



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MELTING CREAM BLUSH Formula: RON24-71-1

PHASE	INGREDIENT	% BY WEIGHT	
A	Water	q.s.	<p>To the main vessel, add Water, Glycerin, and Disodium EDTA. Begin mixing with a propeller mixer and heat to 80°C. Mix until uniform. Add remainder of Phase A. Mix until uniform.</p> <p>Add Phase B ingredient at 80°C. Mix for 30 minutes at 80°C.</p> <p>Add Phase C ingredient. Mix until uniform. For Phase D, in a side container, begin heating Water, Glycerin and Lecinol S-10 to 60°C.</p> <p>Mix until uniform with a propeller mixer.</p> <p>Add in the RON Ti-12, Yellow, Red and Black Iron Oxides to the side container. Switch to the Silverson for high speed mixing. Use the square screen at 4500 rpm.</p> <p>Check dispersion on slides to confirm it is uniform. Add Phase D to the main vessel. Mix until uniform.</p> <p>Add Phase E to the main vessel. Mix until uniform. Maintain temperature at 73-75°C.</p> <p>In a side container, combine Phase F ingredients and heat to 75°C. Add Phase F ingredients to main vessel and mix for 3 minutes, until uniform.</p> <p>Add Phase G ingredients separately. Mix until uniform. Immediately switch to the Silverson for high speed mixing for 5 minutes.</p> <p>Use square screen at 4500 rpm. If necessary to remove air, slowly prop mix batch and drop at 50-55°C.</p>
A	Glycerin	1.00	
A	Disodium EDTA	0.05	
A	Carbopol Aqua SF-1 OS Polymer	1.00	
B	Distinctive[®] Moisture Soft 101	12.00	
C	Sodium Hydroxide 20% Solution	0.30	
D	Water	20.00	
D	Lecinol S-10	0.10	
D	Glycerin	3.00	
D	RON Ti-12	7.80	
D	Yellow Iron Oxide	0.34	
D	Red Iron Oxide	1.04	
D	Black Iron Oxide	0.14	
E	Granpowder USQ	6.00	
F	Essachem [™] SOW	3.00	
F	Distinctive[®] Squalane Butter 45	4.00	
F	Essachem [™] O	4.00	
F	Ritastearic	0.30	
G	Sericite PHN	2.00	
G	Lincoserve [™] CG-5	<u>1.00</u>	
		100.00	

SATIN CREAM FOUNDATION Formula: RON24-75-3

PHASE	INGREDIENT	% BY WEIGHT	
A	Water	q.s.	<p>To the main vessel, add Water, Glycerin, and Disodium EDTA. Begin mixing with a propeller mixer and heat to 80°C. Mix until uniform. Add remainder of Phase A. Mix until uniform. Add Phase B ingredient at 80C. Mix for 30 minutes at 80°C. Add Phase C ingredient. Mix until uniform. For Phase D, in a side container, begin heating Water, Glycerin and Lecinol S-10 to 60°C. Mix until uniform with a propeller mixer. Add in the RON Ti-12, Yellow, Red and Black Iron Oxides to the side container. Switch to the Silverson for high speed mixing. Use the square screen at 4500 rpm. Check dispersion on slides to confirm it is uniform. Add Phase D to the main vessel. Mix until uniform. Maintain temperature at 73-75°C. Add Phase E ingredient. Mix until uniform. In a side container, combine Phase F ingredients and heat to 75°C. Add Phase F ingredients to main vessel and mix for 3 minutes. Add Phase G ingredients separately and mix until uniform. Immediately switch to the Silverson for high speed mixing for 5 minutes. Use square screen at 4500 rpm. Drop batch at 55-60°C.</p>
A	Glycerin	1.00	
A	Disodium EDTA	0.05	
A	Carbopol Aqua SF-1 OS Polymer	1.00	
B	Distinctive[®] Moisture Soft 101	12.00	
C	Sodium Hydroxide 20% Solution	0.30	
D	Water	20.00	
D	Lecinol S-10	0.10	
D	Glycerin	3.00	
D	RON Ti-12	6.00	
D	Yellow Iron Oxide	0.80	
D	Red Iron Oxide	0.26	
D	Black Iron Oxide	0.11	
E	Granpowder USQ	6.00	
F	Essachem [™] SOW	3.00	
F	Distinctive[®] Squalane Butter 45	4.00	
F	Essachem [™] O	4.00	
F	Ritastearic	0.30	
G	Sericite PHN	2.00	
G	Lincoserve [™] CG-5	<u>1.00</u>	
		100.00	

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CC CUSHION MAKEUP Formula: RON24-75-2

PHASE	INGREDIENT	% BY WEIGHT
A	Water	q.s.
A	Glycerin	1.00
A	Disodium EDTA	0.05
A	Carbopol Aqua SF-1 OS Polymer	2.00
B	Distinctive[®] Moisture Soft 101	12.00
C	Sodium Hydroxide 20% Solution	0.40
D	Water	25.00
D	Lecinol S-10	0.30
D	Glycerin	3.00
D	RON Ti-12	12.00
D	Yellow Iron Oxide	1.60
D	Red Iron Oxide	0.52
D	Black Iron Oxide	0.28
E	Granpowder USQ	3.00
E	Sericite PHN	2.00
F	Essachem [™] SOW	3.00
F	Distinctive[®] Squalane Butter 45	4.00
F	Essachem [™] O	4.00
F	Ritastearic	0.30
F	Distinctive[®] Blueberry 5P	1.00
G	Lincoserve [™] CG-5	1.00
H	Hydro-Matrix Rice PGA	2.00
H	Syntran [®] 5190CG	<u>3.00</u>
		100.00

To the main vessel, add Water, Glycerin, and Disodium EDTA. Begin mixing with a propeller mixer and heat to 80°C. Mix until uniform. Add remainder of Phase A. Mix until uniform. Add Phase B ingredient at 80°C. Mix for 30 minutes at 80°C. Add Phase C ingredient. Mix until uniform. For Phase D, in a side container, begin heating Water, Glycerin and Lecinol S-10 to 60°C. Mix until uniform with a propeller mixer. Add in the RON Ti-12, Yellow, Red and Black Iron Oxides to the side container. Switch to the Silverson for high speed mixing. Use the square screen at 4500 rpm. Check dispersion on slides to confirm it is uniform. Add Phase D to the main vessel. Mix until uniform. Maintain temperature at 73-75°C. Add Phase E ingredients separately. Mix until uniform. In a side container, combine Phase F ingredients and heat to 75°C. Add Phase F ingredients to main vessel and mix for 5 minutes. Switch to the Silverson for high speed mixing for 5 minutes. Use square screen at 4500 rpm. Switch back to propeller mixer and begin cooling batch. At 60°C, add Phase G ingredient. Mix until uniform. At 45°C, add Phase H ingredients separately in the order listed. Mix until uniform. Cool batch to 30°C.

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