

mermaid regenerating night gel-cream

formula # 100-10009B

material # 907753

claim to fame

—
ultra-girly ocean-blue
colored formula with
extra-smooth feel

○
age-defying properties
provided by SeaStem™

—
○
4 hour skin moisturization
with Lubrajel* Marine

—
○
cold process with
RapiThix™ A-100

description

Beautiful hydrogel transforms the skin to feel soft, smooth and supple without residue or tack. This cost effective, cold process formula applies easily and absorbs into the skin for quick moisture replenishment.

ingredients

SeaStem™ biofunctional

Giant kelp extracted with Zeta Fraction™ technology to help the skin's regenerating properties during the night.

RapiThix™ A-100 polymer

Aids in formula stability and increased viscosity. Easy to use, with no need for neutralization.

Lubrajel* Marine hydrogel

COSMOS validated multifunctional sensory enhancer & moisturizer that provides high slip with a fresh feel during application, matte and powdery after feel.

Optiphen™ Plus preservative

Broad-spectrum preservative, effective up to pH 6.0, paraben-free.

typical properties

description: pearlescent blue gel-cream

pH: 5.1 – 5.6

viscosity (D0): 30 000 – 50 000 cps

(Brookfield RVT | Spindle B | 5 RPM | 1 minute | 25°C)

This formula has passed 3-month accelerated lab stabilities and a 28-day challenge efficacy test. However, the preservative system has not been optimized to its lowest effective level.

Delivers hydration after 4 hours.

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ingredients (trade name INCI)		% w/w	supplier
phase A			
purified water	Water/Aqua	Qs. 100	Local
RapiThix™ A-100 polymer	Sodium Polyacrylate	2.00	Ashland
phase B			
Lubrajel® Marine hydrogel	Water/Aqua (and) Glycerin (and) Sodium PCA (and) Erythritol (and) Carrageenan (and) Xanthan Gum	10.00	Ashland
SeaStem™ biofunctional	Macrocystis Pyrifera (Kelp) Extract	1.00	Ashland
Optiphen™ Plus preservative	Phenoxyethanol (and) Caprylyl Glycol (and) Sorbic Acid	1.00	Ashland
PF Sel de mer G11635695	Fragrance/Parfum (and) Benzyl Salicylate (and) Citronellol (and) Hexyl Cinnamal (and) Limonene	0.10	Robertet
phase C			
Dowasil® EL-7040 Hydro Elastomer Blend	Caprylyl Methicone (and) PEG-12 Dimethicone/PPG-20 Crosspolymer	5.00	Dow Corning
phase D			
Unicert® Blue 05601-J (sol. 0.1%)	CI 42090 (blue 1)	1.00	Sensient
Unicert Yellow 08005-J (sol. 0.1%)	CI 19140 (yellow 5)	0.10	Sensient
Colorona® Blackstar Blue	CI 77499 (Iron Oxides) (and) Mica	0.01	Merck
Timiron® Super Silver	Mica (and) CI 77891 (Titanium Dioxide)	0.50	Merck
total		100.00%	

procedure

1. At RT, in the main vessel disperse RapiThix A-100 into water under stirring and homogenize until smooth and homogeneous.
2. At RT, add phase B ingredients one by one and mix well between each addition.
3. At RT, add phase C and homogenize until smooth.
4. At RT, premix phase D ingredients and add into the main vessel, mix well.
5. Stop when the color is uniform.

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