

Oxyzen hydracare

**with Lubrajel* Marine hydrogel
and Serenityl™ biofunctional**

Formula #: 100-10131A

Material #: 884474



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Description

Lightweight emulsion with silky smooth feel and enhanced slip. The skin is left feeling nourished and well-balanced.

Can be used at night time as a sleeping mask.

Provides hydration properties after 4 and 8 hours.



Lubrajel* Marine hydrogel

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

ProLipid™ 141 lamellar Gel + Natrosol Plus 330 CS HMHEC

ProLipid 141 lamellar gel, combined with cellulose based Natrosol Plus 330 CS HMHEC, provides structure and stability to the formulation and Natrosol Plus 330 CS HMHEC helps also to improve play time.

Stabileze™ QM polymer

Rheology modifier that provides formula stability. Effective over wide pH range.

Refined Shea Butter + Emulsynt™ GDL ester + Ceraphyl™ ODS ester + Ceraphyl SLK ester + Ceraphyl 368 ester

Combination of light and heavy emollients provides the right balance of play time, smoothness and comfort

Optiphen™ DP preservative + Optiphen OD preservative booster

New to the world non-alcohol preservative technology based on nature identical organic acids delivered in an optimized matrix allowing for a lower dosage of active ingredients. Best to be used under acidic pH conditions up to 6.0. The preservative booster helps to broaden the antimicrobial behavior and adds moisturizing properties to the formulation.

Serenityl™ biofunctional

oil soluble extract of condurango bark associated with skin detoxination, healthy glow and skin wellness

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open for formula

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Ingredients (Trade Name)	INCI Name	% w/w	Supplier
Phase A			
Purified Water	Water/Aqua	Qs. 100	Local
Disodium EDTA	Disodium EDTA	0.10	Local
Stabileze™ QM polymer	PVM/MA Decadiene Crosspolymer	0.50	Ashland
Lubrajel® Marine hydrogel	Water/Aqua (and) Glycerin (and) Sodium PCA (and) Erythritol (and) Chondrus Crispus (Carrageenan) (and) Xanthan Gum	4.00	Ashland
Phase B			
ProLipid™ 141 lamellar Gel	Glyceryl Stearate (and) Behenyl Alcohol (and) Palmitic Acid (and) Stearic Acid (and) Lecithin (and) Lauryl Alcohol (and) Myristyl Alcohol (and) Cetyl Alcohol	4.00	Ashland
Refined Shea Butter	Butyrospermum Parkii (Shea) Butter	1.00	Ashland
Emulsynt™ GDL ester	Glyceryl Dilaurate	2.00	Ashland
Ceraphyl™ ODS ester	Octyldodecyl Stearate	2.00	Ashland
Ceraphyl SLK ester	Isodecyl Neopentanoate	5.00	Ashland
Ceraphyl 368 ester	Ethylhexyl Palmitate	3.00	Ashland
Belsil™ PDM 20*	Trimethylsiloxyphenyl Dimethicone	3.00	Wacker
Serenityl™ biofunctional	Marsdenia Cundurango Bark Extract (and) Caprylic/Capric Triglyceride	1.00	Ashland
Phase C			
Sodium Hydroxide	Sodium Hydroxide	0.13	Local
Purified Water	Water/Aqua	2.00	Local
Phase D			
Optiphen™ DP preservative	Propylene carbonate (and) Benzoic Acid (and) Dehydroacetic Acid (and) Propanediol	1.00	Ashland
Optiphen OD preservative booster	Caprylyl Glycol	0.50	Ashland
Phase E			
Purified Water	Water/Aqua	10.00	Local
Natrosol™ Plus 330 CS HMHEC	Cetyl Hydroxyethylcellulose	0.10	Ashland
Phase F			
PF Mineral Defense 8509133	Fragrance/Parfum (and) Lilial (and) Hydroxycitronellal	0.20	Charabot/Robertet
Total		100.00	

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Procedure:

1. In the main vessel, add Phase A ingredients one by one while heating to 75°C. Mix well between each addition until smooth
2. In a side beaker, mix Phase B and heat to 75°C
3. At 75°C, add Phase B into A and homogenize until smooth
4. Premix Phase C at RT until clear and uniform and add it to the main vessel at 60°C. Mix well
5. At 45°C, add Phase D one by one and mix well between each addition
6. In a side beaker prepare Phase E: at RT, sprinkle Natrosol™ in water and mix well while heating at 60°C. Then cool down Phase E under mixing
7. At 30°C, add Phase E and mix until smooth
8. At RT, add Phase F and mix well
9. Stop at 25°C

Typical Properties:

Appearance: White emulsion

pH: 4.8 – 5.3

Viscosity (D0): 30 000 – 40 000 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.

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