

Who captures nature for a sensory feel? We do.

Lubrajel* Marine hydrogel

Sensory agent that provides skin moisture with naturally-derived ingredients.

Description

Lubrajel marine hydrogel is a multifunctional sensory enhancer for creating moisturising skincare formulations easily. Derived from natural ingredients (COSMOS-validated), Lubrajel marine hydrogel brings rapid moisture to the skin thanks to its natural glycerin content. This new ingredient is a natural tool for formulators to create novel texture with excellent slip and freshness, matte and powdery after-feel that will revive consumer sensorial experience.

Suitable for the following applications

- Emulsion
- Gel
- Mousse
- Gel cream
- Solution
- Spray

Suitable for the following product types

- Essences, serums, and toners
- Moisturisers including creams, gels, gel creams, contouring creams, hand or foot creams, eye creams
- Masks such as face, sheet, and sleeping
- Colour cosmetics including primers and foundations
- Baby wipes or adult wipes
- Shaving and post-shave products, including gels

Product description and chemistry

With naturally derived glycerin, sodium PCA, erythritol, carrageenan and xanthan gum.

Cross-linked polysaccharide and RSPO glycerin preserved with mild preservatives.

Formulation ideas

Hydramatte fresh serum

#100-10081A

Soft, fresh feel with matte finish. Can be used as moisturiser-in-serum or primer.

Oxyzen hydracare

#100-10131A

Lightweight cream that can be used as a night-time sleeping mask. With Serenity™ biofunctional, condurango bark extract associated with skin detoxination, healthy glow and skin wellness.

Hydrapearl jelly

#100-10140

Floating shimmer pearls in a jelly base. Smooth and refreshing on application. Can be used after sun or shower.

KEY FEATURES:

3-in-1 benefits

1. Sensory feel: light texture, fresh feel, high slip, soft powdery after-feel
2. Moisturization: clinically proven 8 hour moisturization
3. Green: unique composition with sustainable glycerin content and partially derived from red seaweed; COSMOS validated

Easy to formulate: cold processable, water soluble, heat tolerant

Multifunctional texturizer



*Roundtable on sustainable palm oil

Formulation guidelines

Formulator Benefits	Skin Conditioning Agent (Emollient), Suspending Particles, Mild Preservative Used, Cold processable, Humectant, Rheology Modifier
Tips	<ul style="list-style-type: none"> - Add post-emulsion or to the water phase below 80°C - pH adjustment may be required due to the mildly acidic nature - Cold processable - Add after neutralization step
Possible Product Forms	Emulsion, Gel Cream, Gel, Solution, Mousse, Spray
Use Level	<p>3-10%</p> <ul style="list-style-type: none"> - For sprays, use up to 15% - For suspending particles, > 50% if not using another thickener

Technical Information

INCI: water (aqua) (and) glycerin (and) sodium PCA (and) erythritol (and) chondrus crispus (carrageenan) (and) xanthan gum

Preservative: benzoic acid, citric acid and ascorbic acid (all derived from biofermentation)

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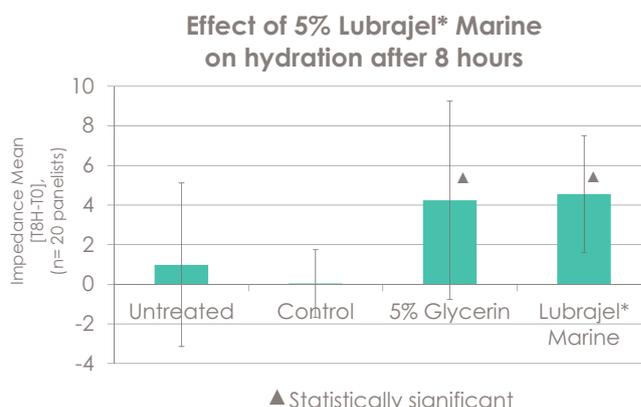
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Hydration efficiency



Sensory comparison

Lubrajel IIXD	Lubrajel Marine	Lubrajel Oil
"lingering, luxurious moisture"	"fresh, burst of moisture"	"uniform layer of moisture"
rich, substantive texture and cushioning effect	high slip with a fresh feel, matte and powdery after feel	light feel, high spreadability, lubricity

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