

# EMULPHARMA<sup>®</sup> MIMESIS

The perfect combination of sustainability & multifunctionality

Emulpharma<sup>®</sup> Mimesis is a new green emulsifier, based on a proprietary combination of lecithin and polyglycerols and capable of creating a light textures for skin care products. It creates lamellar structures with high skin affinity—and therefore high penetration capacity—which enables it to transport active ingredients across the skin barrier. The active ingredients contained in the formulation can then reach sub-epidermal layers more effectively and selectively.

## Emulpharma<sup>®</sup> Mimesis

Inci: Polyglycerol-3 Cocoate, Glycerin, Lecithin, Hydrogenated Lecithin, Aqua

### Multifunctional Emulsifier

- Easy to use in one pot process
- Cold processable flude-paste
- Forms skin-like texture becoming a carrier for active ingredients
- Leaves a smoothed, silky and comfortable second skin feel
- Tested as sodium hyaluronate's carrier

### Applications

- Skin care
- Hair care
- Sensitive skin
- Men's grooming
- Dermaceutical textures

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## EMULPHARMA<sup>®</sup> Mimesis brings you



**Sustainable  
Manufacturing  
Processes:**  
promoting cold  
processing simplifying,  
one pot



**Naturality**  
COSMOS  
Clean INCI



**Multifunctionality**  
Wide range of textures  
Carrier system

## CellCarrier – The “Mimesis” Effect

Special combination of lecithin and polyglycerols, forms a lamellar structure and improves skin adhesion and absorption

Unique structure enable it to work as a carrier, capable of driving active ingredients with appropriate molecular size into the deepest layers



### Optimizing Sodium Hyaluronate impact: a comparative test

**Active alone**

Sodium Hyaluronate remains into stratum corneum

Avoiding trans epidermal water loss from the inner side

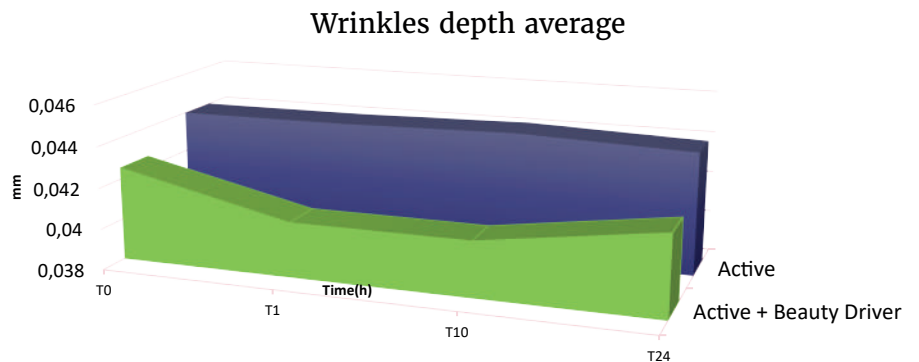
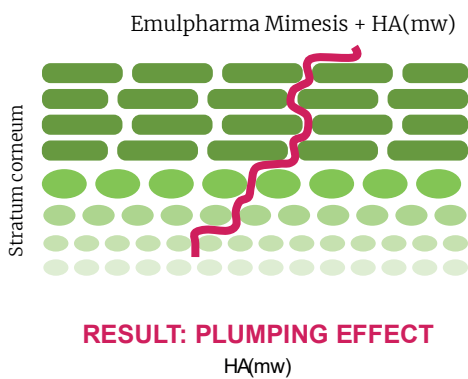
Effect  
**Moisturizing**

**Active + Beauty driver**

Sodium Hyaluronate(300k Da)achieves the inner skin layers

Helping with wrinkle reduction

Effect  
**Replumping Effect**



- - 4% wrinkles' depth after 1h and 10h (active+ beauty driver)
- No significant decreasing in the area treated only with the active

### Formulating with Emulpharma® Mimesis

- Stabilize up to 20% of oils
- It shows high compatibility with polar and medium polar oils
- Perfect to emulsify vegetal oils for natural formulation

Aspect  
**Liquid Paste**

pH compatibility  
**4-8**

% Of Use  
**3-5%**