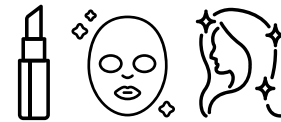


**BLUESUN**  
INTERNATIONAL

DERMANET  
SQUALANE

UNIQUE MICROEMULSION  
TECHNOLOGY

MAKEUP, SKINCARE & HAIRCARE



INCI: Glycerin & Squalane & Water & Hydrogenated Leticin

## MICROEMULSION WITH SQUALANE DERIVED FROM OLIVE OIL

- Its composition provides a greater hydration capacity.
- It is a skin moisturizing agent with moisture retention properties.



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#### Did you know?

**Dermanet+silica DM6**, Combined, creams with excellent anti-aging benefits are obtained, avoiding a greasy sensation and dry touch.

## → HIGHLIGHTS

1

**Dermanet** uses a unique technology to create a microemulsion with a functional oil (**Squalane**).

2

**Excellent emollient**, helps the skin retain moisture and provides relief to dehydrated skin

3

Allows **better absorption** of products and assets, without sticky residue

4

**Suitable** for skin care, scalp and hair care.

## → DERMANET KEY INGREDIENTS

**SQUALANE**  
DERIVED FROM OLIVE OIL

**DERMANET**

RESTORES LIPID LEVELS  
KEEPS THE SKIN WALL HEALTHY

**Dermanet Squalane** restores the skin barrier, **contains lecithin lipids** that act as a vehicle to absorb nutrients and **improve its appearance**

### Squalane

It is a natural lipid produced in the skin that is essential for maintaining the skin's barrier function. With age, its production becomes limited and it is important to supplement it.

It can be used as a moisturizer and antioxidant, in the treatment of skin disorders such as seborrheic dermatitis, acne, psoriasis or atopic dermatitis.

### Hydrogenated lecithin

It is a structural and functional component of a diverse range of cell membranes for plants, terrestrial and marine animals.

Hydrogenated lecithin allows the production of natural cosmetic products, to improve dermal penetration. It has shown to have high biocompatibility and amphiphilic characteristics which allows it to act as emulsion stabilizer.





### Did you know?

Hydralenis is ideal for sensitive skin and anti-aging products. Combined with **Dermanet Squalane**, you will have an excellent moisturizer without the need for an additional emulsifier.

→ TEST

## Dermanet Squalane Hydration Study

### Goal

Determine the percentage of hydration in a group of volunteers between the ages of 19 and 60, in a time window that goes from 12, 24, 48 and 72 hours, after the first application.

**Table 1** Approximate determination of the state of skin, at normal environmental conditions (20 ° C and 40% air humidity) (Manual of Information and Operating Instructions for the Multi-Band Adapter MPA, Courage + Khazaka electronic)

### Methodology

Five healthy volunteers, whose ages range from 19 to 60 years, were recruited. The volunteers attended with clean skin and did not use any type of body product for at least three days before the evaluation.

The following graph (**table 2**) shows the general average hydration of the volunteers, as time progresses, which had a significant increase with respect to the control, improving at 12 hours, maintaining it until 24 hours, later increasing at 48 hours and finally decreased at 72 hours.

### Panel skin type parameter

	Moisture values
<b>Very dry</b>	<b>&lt;35</b>
<b>Dry</b>	<b>35-50</b>
<b>Sufficiently Moisturized</b>	<b>&gt;50</b>

Table 1

### Average panel hydration sample

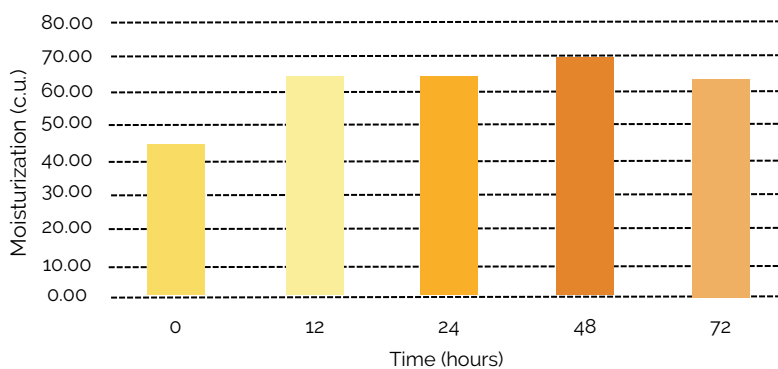


Table 2





**Did you know?**

With 1% **Bluevisc EMB** and **Dermanet Squalane** you can obtain a cream with the benefits that best suit what you are looking for.

**Result**

The results obtained after the application of Dermanet Squalane, show the highest percentage of hydration occurs after 48 hours. At this time, the Dermanet Squalane sample reaches its maximum effectiveness on the skin. (Table 3)

**Percentage of the hydration effect.**

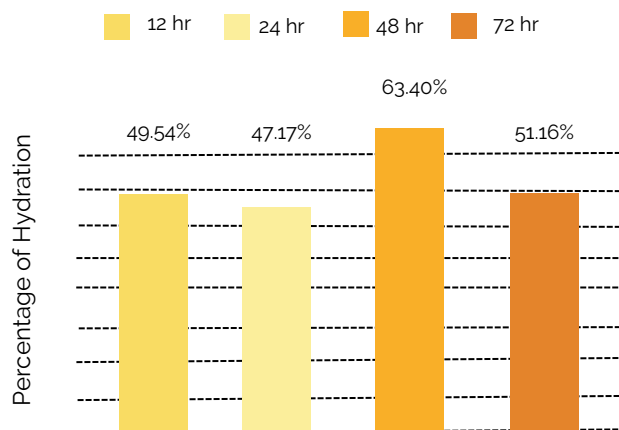
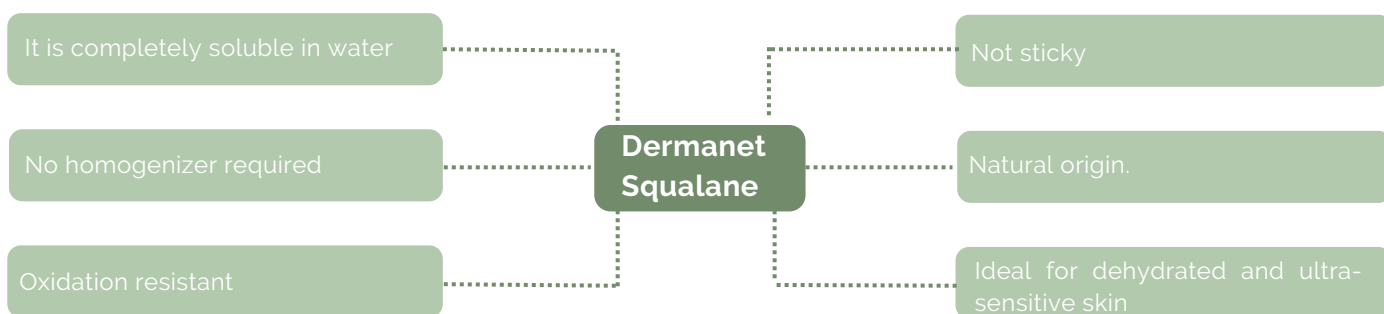


Table 3

**Benefits**



**→ Applications**

**Skincare**

- Masks
- Moisturizing
- Exfoliating gel
- Serum
- Cleaners

**Haircare**

- Hair mask
- Shampoo
- Conditioner
- Serum

**Cosmetics**

- Foundation
- Concealer
- Powder
- Color Cosmetics

**Body Care**

- Cleaners
- Shower gel
- Deodorant
- Body lotion





## → Formulations

### Anti-aging Eye Contour Cream

Formula Code: US-101.155

Phase	Ingredients	INCI	%
A	Water	Water/Aqua	82.90
	Bluevisc EMB	Hydroxyethyl Acrylate/Sodium Acryoldimethyl Taurate Copolymer (and) Hydrogenated Polydecene (and) Squalane (and) Polysorbate 60	1.50
	Dermanet Squalane	Glycerin (and) Water (and) Squalane (and) Hydrogenated Lecithin	2.00
B	Tween 80	Polysorbate 80	1.00
	Cremophor RH 40	EG-40 Hydrogenated Castor Oil	0.80
	Isopropyl Myristate	Isopropyl Myristate	3.00
	Phytoleo Face	Helianthus Annuus (Sunflower) Seed Oil (and) Vitis Vinifera (Grape) Seed Oil (and) Simmondsia Chinensis (Jojoba) Seed Wax (and) Olea Europaea (Olive) Husk Oil (and) Tocopherol	5.00
	Fluid TC-1214D	Cyclopentasiloxane (And) Dimethiconol	0.50
C	Liquid Germall Plus	Propylene Glycol (and) Diazolidinyl Urea (and) Iodopropynyl Butylcarbamate	0.30
	Snevia	Water (and) Butylene Glycol (and) Tremella Fuciformis (Mushroom) Extract (and) Phenoxyethanol	3.00
			<b>Total: 100</b>

#### Procedure:

1. In the main container, mix the Phase A ingredients one by one until completely incorporated.
2. In an alternate container add the ingredients of Phase B one by one
3. When both phases are completely incorporated, add Phase B to Phase A and stir until complete incorporation.

### Formulation Tips

- Dermanet Squalane allows for a vegetable squalane to be incorporated into a formula without the need for an additional emulsifier.
- It can be used in hot and cold formulations.
- In emulsions, it can be added at the beginning, after the emulsion, or at the end of the process.
- Unique encapsulation in a lamellar structure with lecithin.
- For rinse-off and rinse-free products.
- Recommended use-level: 2.00 to 30.00%.



← Scan QR for Samples



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