

## Cleansing Oil to Milk (FD-08-01F)

### Spotlight On Formulation Silver Award

SILVER WINNER

Cleansing Oil to Milk is an essential tool for healthy skin. It allows to hydrate and improve the skin barrier, while cleaning and protecting the skin from pollution

PolyAqual™-2W and Activoil™ Echnidium ZRO work in a synergistic way to aid the skin barrier and promote a balanced microbiota.

PolyAqual™-2W is able to combine strong emulsifying capabilities with clinical benefits for the skin, protecting the skin barrier function and restoring the right balance of the cutaneous microflora. The clinical efficacy of PolyAqual™-2W is mainly due to its skin biomimetic action. The molecular configuration of its main components allows a deep interaction with the lipidic matrix of the stratum corneum, creating a sort of “second skin” and making it more resistant to external damage. Moreover, PolyAqual™-2W helps cutaneous homeostasis and favours a balanced microbiota (with pre-biotic properties to *S. epidermidis*), a key factor for skin health.

In Cleansing oil to milk, the effectiveness of PolyAqual™-2W is enhanced by Activoil™ Echnidium ZRO, which combines the best of Echium seed oil, a powerful source of omega 3,6,9 essentials fatty acids and stearidonic acid, with Cnidium Monnier fruit supercritical CO<sub>2</sub> extract, in a lipophilic matrix. It is a stabilised lipophilic ingredient that protects and repairs the skin barrier function and soothes irritation upon exposure to pollution.

What makes Cleansing Oil to Milk a trendy formulation is the ***surprising effect due to its transforming texture.***

It looks like an oily gel, when applied on the skin, able to dissolve impurities and make-up, and finally turns into milk with the addition of water, which rinses away, leaving a soft complexion, purified from daily irritants.

It is a multi-tasking product as it can allow to reach different level of skin hydration, according to the mode of use:

- Massaging the oil on the skin, its rich texture deeply nourishes the driest skin (STEP 1)
- Adding water to the skin previously treated with the oil (STEP 2), it turns into a milk that brings a light moisturising veil to the skin, cleaning and protecting it from external damage.

It is a challenging O/W emulsion with a high amount of lipid phase (65%) and low-medium viscosity. It is supported by PolyAqual™-2W and PolyAqual™-LW, with no need for rheological modifiers.

On a more functional level, PolyAqual™-2W guarantees high stability and clinical benefits, while PolyAqual™-LW allows keeping a low-medium viscosity.

*Both play a key role in the metamorphosis of the formulation appearance.*

Cleansing Oil to Milk is an entirely naturally derived formulation.

# Cleansing Oil to Milk

Reference: FD 25-08-01F

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Spotlight On  
Formulation  
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INCI NAME	%	Function
PHASE A		
Water (Aqua)	up to 100.00	
Glycerin	30.00	Humectant
PHASE B		
Polyglyceryl-2 Stearate, Glyceryl Stearate, Stearyl Alcohol - <b>PolyAqual™ 2W</b>	2.50	Emulsifier
Polyglyceryl-4 Laurate, Polyglyceryl-6 Laurate - <b>PolyAqual™ LW</b>	2.50	Emulsifier
PHASE C		
Caprylic/Capric Triglyceride	59.40	Emollient
PHASE D		
Echium Plantagineum Seed Oil, Octyldodecanol, Octyldodecyl Oleate, Octyldodecyl Stearoyl Stearate, Cnidium Monnieri Fruit Extract, Rosmarinus Officinalis (Rosemary) Leaf Extract - <b>Activoil™ Echnidium ZRO</b>	0.50	Active Ingredient
PHASE E		
Parfum	a.n.	Parfum
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 91, 10 rpm pH (100%)	5000 - 15000 cP 5.0 - 7.0	

## PROCEDURE:

Prepare phase A and warm it up to 75 - 80°C;  
Disperse phase B in the water phase using a suitable dispersion unit;  
Warm phase C up to 75 - 80°C;  
Add phase C to phase A+B under agitation;  
Cool down up to 40°C under gentle agitation;  
Homogenize for a few minutes;  
Add phases D to phase A+B+C and continue to homogenize;  
Add phase E under gentle stirring.