

# GALEGLOSS®



**INCI Name:** Polyglyceryl-3 Triolivate and Sorbitane Isostearate



## DESCRIPTION

Galegloss® is a combination of **Galolive® WO and Sorbitan Isostearate**.

It is a **strong WO emulsifier** with **multiple uses in cosmetics**.

In **anhydrous formulations** it has **gelling properties**, glossy effect and it allows a **good wetting and dispersion of pigments, powders and physical UV filters**.

## OLIVE OIL BENEFITS

Galegloss® is enriched with the **eudermic functional properties** of olive oil (**emollient, lenitive, sebum restructuring, photo protective, anti radical properties**)



## GALEGLOSS®C FEATURES



### SKINCARE

Galegloss® helps to obtain **rich, nutritive W/O creams** and lotions for sensitive skin



### ENERGY SAVING

It allows emulsifying process at **low temperature**



### MAKE UP

The presence of Sorbitan Isostearate allows **good wetting** and **dispersion** of pigments and powders.



### BRILLIANCE

It improves **brilliance** in color cosmetics and in make up products

## GALEGLOSS®C MAIN ADVANTAGES

- Galegloss® is a **PEG-free emulsifier** so it is ideal for "Green Formulations"
- **COSMOS approved**
- **Vegan** registered
- **Viscous liquid form**, suitable for **cold process**





## TECHNICAL CHARACTERISTICS

- **WO emulsifier** for cold and hot processes
- Non ionic
- Ideal for water in oil emulsions
- **Percentage of use:**
  - 5-10% as emulsifier
  - up to 60% as glossy agent for make up products
- **Compatible** with highly variable viscosity controllers and emulsion stabilisers
- **Easy** to manage, excellent texture and stability.

## GLOSSY LIP EMULSION

PHASE	INCI NAME	% Wt
A	Polyglyceryl-3 Triolivate and Sorbitane Isostearate	7,0
A	Isododecane and Hydrogenated tetradecenyl/methylpentadecene	15,0
A	Rubus Idaeus (Raspberry) Seed Oil	5,0
A	Hydrogenated Polycyclopentadiene (and) Polyethylene (and) Copernicia Cerifera (Carnauba) Wax (and) Tocopherol	5,0
A	Magnesium Stearate	1,5
A	CI15850:1 and Octyldodecyl Oleate	5,0
B	Aqua	To 100
B	Magnesium Sulfate	0,5
C	Preservative	a.n.
D	Tocopheryl Acetate	0,5
E	Al.Ca.Na Silicate, TiO2, SnO2	10,0

<b>ASPECT</b>	Viscous liquid, clear
<b>COLOUR</b>	Yellow - Brown
<b>ODOUR</b>	Mild-Characteristic
<b>NUMBER OF SAPONIFICATION</b>	140 – 170 (mg KOH/g)
<b>SOLUBILITY</b>	In ethanol, mineral and vegetable oils, in alcohols, fatty acids and their esters

**Method:** Heat and mix ingredients of phase A and separately prepare phase B and heat at 60°C. Add B to A and mix with low shear forces until cooling. Add phase C, mix. Add phase D. Mix with high shear forces at room temperature. Add E + F, mix slowly until homogenization.

