



OLIVEM[®] 900

Sensorial enhancer for skin care and make up formulation,
suspending and jelling agent, co-emulsifier and stabilizing agent

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OLIVEM® 900

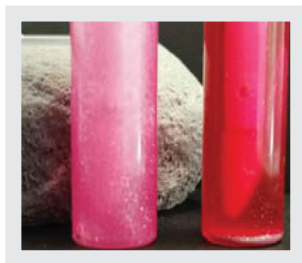
PEG-Free Olivem® 900 is a W/O and W/S emulsifying agent designed to improve dispersion in pigments and mineral UV filters and provide water resistance and stability in suncare and any type of powder. Olivem® 900 acts as a natural moisturizer and sensorial enhancer for a range of beauty and personal care products. It can also function as a structuring agent in O/W and anhydrous formulations. COSMOS approved.

FORMULATIONS

Anhydrous systems:

Lipgloss, lipstick, concealer, butter sunscreen cream and stick

- Suspending agent
- Good wetting agent for pigments and pearls
- Good film-forming properties
- Adhesion booster
- Nourishing and velvety texturizer



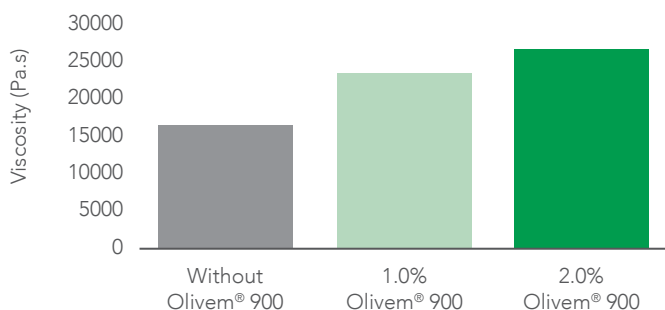
Suggested use: 1-10%

W/O or W/Si and O/W lotions and creams:

- Gives a smooth, silky and ultra-light feeling
- Co-emulsifier and stabilizing agent
- Wetting agent towards any kind of powder
- Viscosity booster

Suggested use: 1-5%

Phase A	
Demineralized Water	up to 100%
Sodium Chloride	1.0%
Phase B	
Olivem® 900	As required
Cyclomethicone and Dimethiconol	5.0%
Cyclomethicone and Dimethicone Copolyol	10.0%
Cyclomethicone	8.0%
TiO ₂	10.0%
Octyl Methoxycinnamate	As required



TECHNICAL DATA

- INCI: Sorbitan Olivate
- HLB: 4-5
- Appearance and Color: ivory white flaxes
- Melting Point: 65-75°C



SOLUBILITY

Solvent	Result T 80-85°C	Result at RT (after 24th)
VERY GOOD SOLUBILITY		
Polybutene	soluble	+++
Diisostearyl Malate	soluble	+++
Oleic/Linoleic/Linolenic Polyglycerides	soluble	+++
Squalane	soluble	+++
Simmondsia Chinensis Oil	soluble	+++
GOOD SOLUBILITY		
Prunus Amygdalus Dulcis Oil	soluble	++
Helianthus Annuus Seed Oil	soluble	++
Caprylic/Capric Triglycerides	soluble	++
C12-15 Alkyl Benzoate	soluble	++
Isopropyl Palmitate	soluble	++
Hydrogenated Castrol Oil	soluble	++
Paraffinum Liquidum	soluble	++
Isododecane, Isohexadecane, C13-15 Alkane	soluble	++
Isononyl Isononanoate	soluble	++
LOW SOLUBILITY		
Dicaprylyl Ether	soluble	+
Octyl Dodecanol	soluble	+
Water	opalescent	+
Propylene Glycol	opalescent	+
Glycerin	opalescent	+
Dimethicone 350	opalescent	+
Cyclopentasiloxane	opalescent	+

Dissolution at 80-85°C of 5% of Olivem® 900 in solvents:
 LOW = + GOOD = ++ VERY GOOD = +++

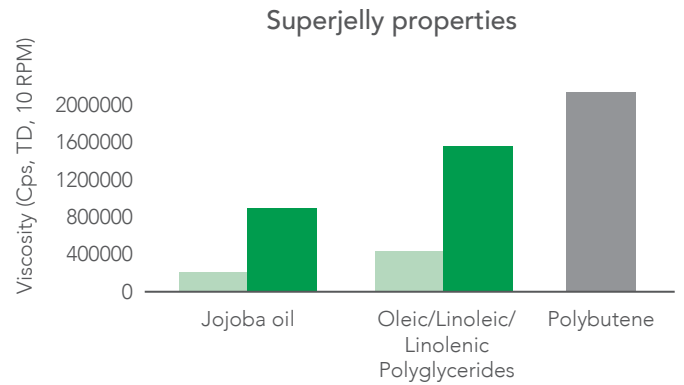
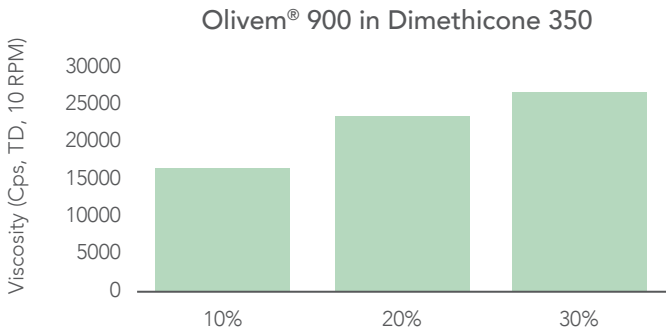
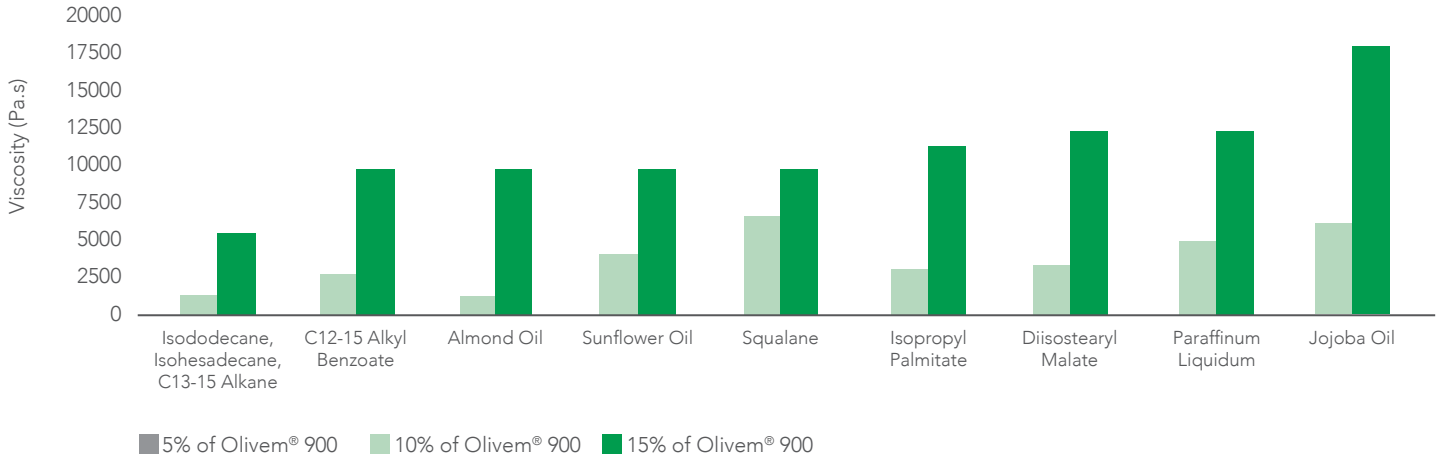
APPLICATIONS

- Skin care
- Sun care
- Baby care
- Hair care
- Cleansers
- Color Cosmetics (eye, lip and face)

JELLIFYING PROPERTIES

Olivem® 900 can easily jellify cosmetic oils and shows good performance with Jojoba oil.

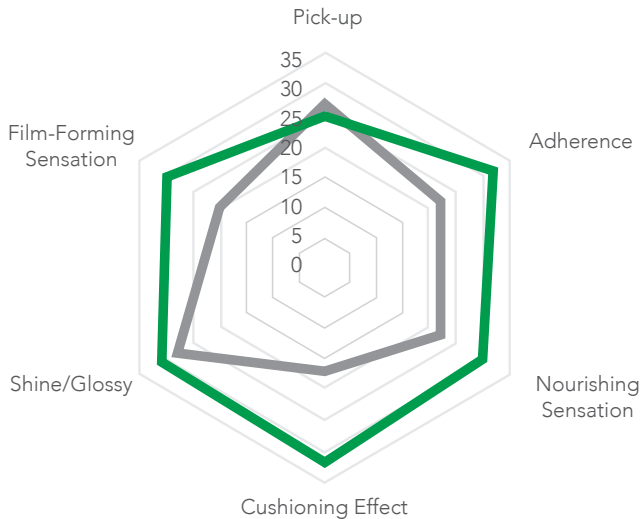
Olivem® 900 (10 and 15%) Performance



SENSORY DATA

Lipgloss: Olivem® 900 is able to increase the adherence, shine, nourishing and cushioning effects.

With Oleic/Linoleic/Linolenic Polyglycerides and Polybutene it can create a "superjelly" structure.



■ No Olivem® 900 ■ With Olivem® 900

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