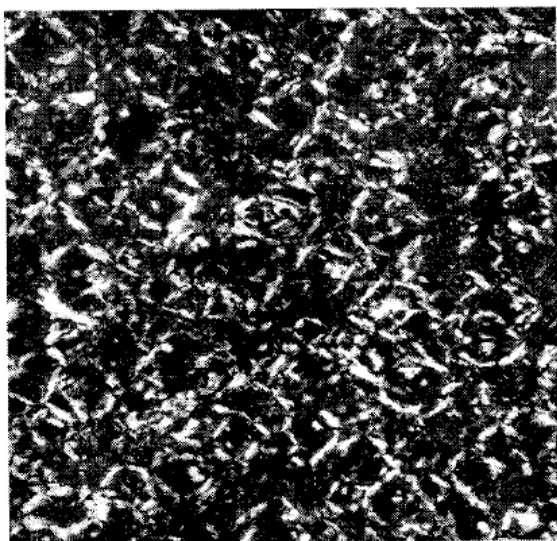


## REINOLDERM OLV10

This product, based on olive oil, can more easily be defined as a Peg free functionalized emulsifying system capable of forming particularly fresh and light O/W emulsions that are pleasantly velvety to the touch and enriched with the eudermic functional properties of precious Italian olive oil.

**REINOLDERM OLV10** is able to form liquid crystal lamellar structures regardless of the chemical structure and polarity of the substances present in the internal phase of the emulsion.

Under a microscope with polarized light their liquid crystal structure is quiet clear as the following photograph, taken at x 250, demonstrates.



The great versatility of this product is of considerable interest. It is able to create systems that are organized.

in liquid crystal lamellar phases without the help of other co-emulsifiers, regardless of the composition of the internal phase. When present at the oil/water interface, the liquid crystals help give the system rigidity and, by limiting the fluctuation of the components at the interface, give the emulsion great stability. Furthermore, the liquid crystal system enhances the moisturizing ability of the emulsion.

In this special “network” the quantity of inter-lamellar water can be extremely high and become immediately available when the cream is applied to the skin.

Emulsions created with **REINOLDERM OLV10** have the following properties:

- Notable stability at high and low temperatures.
- Good resistance to water tanks to the formation of a hydrophobic film on the surface.
- Quality sensorial characteristics: long lasting emollient/moisturizing effect.
- Particularly shiny appearance, easy and pleasant to apply

Very small **REINOLDERM OLV10** quantities are sufficient to emulsify oils and other lipophile ingredients It is possible to obtain stable emulsions that are easily waterable and that offer moisturizing and emollient properties and a pleasant light and silky sensation even when they contain large quantities of oily substances.

For Additional Informations Please Contact

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