

EXSYMOL  
MONACO

# LIPOSILIOL C<sup>®</sup>



Oleyl, tocopheryl silanol liposoluble, in solution in oleic alcohol  
INCI Name: DIOLEYL TOCOPHERYL METHYLSILANOL (and) OLEYL ALCOHOL

**S**ilanols are known for their activity on the skin (restructuring of the connective tissue, firming, anti-aging, anti-wrinkle...). Unfortunately, most of silanols are hydro-soluble and cannot be used in oily formulations.

With **LIPOSILIOL C<sup>®</sup>**, EXSYMOL developed a pre-hydrolysed prosilanol. It provides the biological activities common to all silanols with the additional advantage of being incorporated in oily formulations like massage oils, body oils, sun care oils, active aromatherapy and Spa.

## USES

Restructuring	Treatment makeup
Anti-aging	Sun care treatment oils
Anti-free radicals	Aromatherapy & spa
Moisturising	

## FORMULATION

LIPOSILIOL C<sup>®</sup> is soluble in oils and insoluble in water. It is to be incorporated in the oil phase of the emulsion at 3 to 6% or simply added into oil products like body oils and massage oils.

## TOLERANCE STUDY

The tests carried out have shown that the product is not toxic or irritant.

## TECHNICAL CHARACTERISTICS

Limpid liquid, oily,  
colourless with glints of pale yellow  
Density: around 0.85  
Refraction index: around 1.460  
Miscible in oils, not miscible in water

## ANALYTICAL COMPOSITION

Methylsilanetriol	0.50%
of which silicon is	0.15%
Tocopherol acetate	0.05%
Oleic alcohol	sq 100.00%

# BIOLOGIC ACTIVITIES

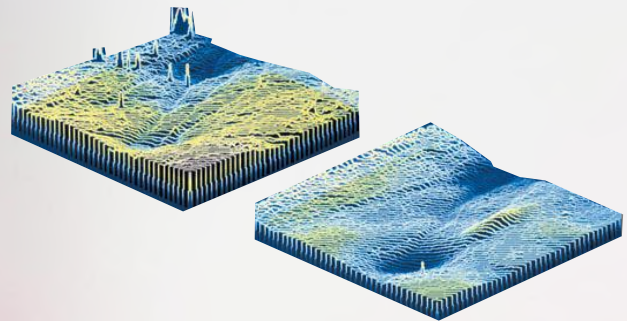
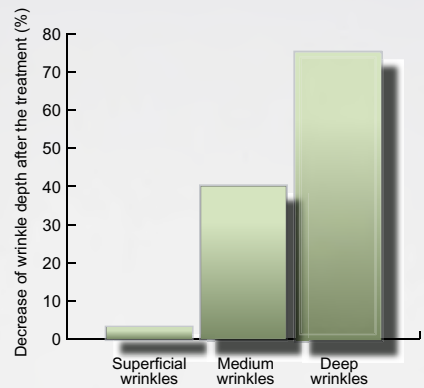
## The activities of Silanols

in an oil...

### Test on volunteers

The wrinkle depths measured at the beginning and at the end of the treatment have shown that the most important reduction is observed for the deep wrinkles.

However, the activity and results of silanols are visible at the surface of the skin as shown by the prints evaluated around the eye (crow's foot). These results confirm that a Silanol can visibly smooth out wrinkles.

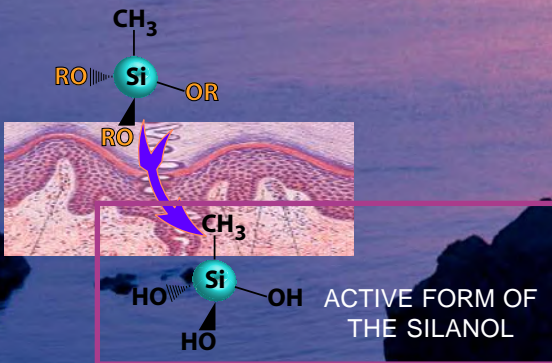


Historically, the Mediterranean area has always provided oils rich in oleic derivatives (olive and palm oils). In the ancient thermal baths, the benefits of the oils that were added into the tubs were so remarkable that they were used on a daily base.



Today, LIPOSILIOL C® associates the restructuring activity of a silanol to the well-being provided by massage oils.

LIPOSILIOL C®, proactive oily molecule  
OR = oleyl, tocopheryl



### ACTIVATION OF THE MOLECULE ON THE SKIN

LIPOSILIOL C® is considered as a pre-hydrolysed proactive molecule in an oil solution. On contact with the skin's intermediate and deep moisture, a biologically active form of the silanol is immediately liberated, powered to fully provide the restructuring activity of the Silanol.