

DEFINITION

Solution of methyl, dioleyloxy, tocopheryloxysilane in oleic alcohol.

I.N.C.I. Name : DIOLEYL TOCOPHERYL METHYLSILANOL (and) OLEYL ALCOHOL

ANALYTICAL COMPOSITION

1 kg of LIPOSILIOL C contains :

Monomethylsilanetriol	5.0 g	
in which silicon		1.5 g
Tocopherol acetate	0.5 g	
Oleic alcohol	QS	1000.0 g

CHARACTERISTICS

Slightly yellow, oily, limpid liquid, with a slightly aromatic odour.

Not miscible with water.

Miscible with most fatty substances.

Specific density at 20° C about 0.85

Refraction index at 20° C about 1.46

Saponification index < 2

TOXICITY

LIPOSILIOL C is not toxic. L.D. 0 > 20 ml/kg.

Negative genotoxicity (SOS Chromotest Kit).

Tolerance is perfect : eye irritation, acute and subacute toxicity.

Negative skin sensitization.

ACTIVITIES

LIPOSILIOL C is a liposoluble version of Silanols. It has their general properties, particularly the ability to restructure connective tissue and to protect against ageing factors. By reorganizing the lipids of the cell membrane, it opposes the harmful effects of free radicals.

USING INDICATIONS

Oily cosmetic formulations such as lipsticks :

- e.g. anti-ageing formulations

USING CONDITIONS

Can only be incorporated into oils, and so is used in the manufacture of oily cosmetics.

DOSES TO BE USED

3 to 6 %

LITERATURE

Documents available on request.