

EXSYMOL

DEFINITION

Fluid microdispersion of fatty compounds/water about 50/50 SURFACTANT-FREE.

ANALYTICAL COMPOSITION

100 g EMULZOME contain :

Ramified saturated hydrocarbons	21.5 g
Fatty acid esters (solid PCL)	14.5 g
Mineral oil	6.0 g
Hydrogenated lecithin	1.0 g
Methyl parahydroxybenzoate	0.2 g
Propyl parahydroxybenzoate	0.1 g
Purified water	s.q. 100.0 g

I.N.C.I. Names

Hydrogenated polyisobutene
Stearyl heptanoate (and) Stearyl
caprylate
Mineral oil
Hydrogenated lecithin
Methylparaben
Propylparaben
Water

CHARACTERISTICS

White and opaque liquid.

pH about 6.0

Specific density at 20° C about 0.9

Miscible with water and glycols in all proportions.

INCOMPATIBILITIES

EMULZOME must not be exposed to temperatures below 0°C.

TOXICITY

The fatty compounds used are not toxic and perfectly-well tolerated. It has been proved that the microdispersion does not modify this tolerance.

EMULZOME is not toxic : L.D. 0 > 20 ml/kg.

Negative genotoxicity (SOS Chromotest Kit).

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

ACTIVITIES

The size of the dispersed fatty particles confers an increased lipidic surface to EMULZOME which improves its spreading capacity and bioaffinity for the skin.

USING INDICATIONS

EMULZOME is designed for preparing cosmetics with the same aspect and quality as classical emulsions by simply adding a gelified phase. The first interest of EMULZOME is the possibility to formulate stable emulsion-like products free of surfactant : these products are strongly indicated for sensitive skins and eye contour area, and also for liposome formulation which stability will directly depends on the absence of surfactant.

EMULZOME is a base dispersion, which must be diluted with aqueous or oily gels to adjust viscosity. The quantity of EMULZOME used depends on the result desired.

PRESERVATION

EMULZOME contains the following preservatives :

Methyl parahydroxybenzoate	0.20 %
Propyl parahydroxybenzoate	0.10 %

DOSES TO BE USED

Between 6 and 30 %

LITERATURE

Documents available on request : technical, stability, tolerance.

EMULZOME

Informative note