

OCTYL METHOXYCINNAMATE NANOME

CODE: LIP-46

Date of last amendment: 15.12.2021

INCI name: WATER (AQUA) (AND) PHOSPHOLIPIDS (from soybean lecithin) (AND) CAPRYLIC/CAPRIC TRIGLYCERIDE (AND) ETHYLHEXYL METHOXYCINNAMATE (AND) DMDM HYDANTOIN (AND) PHENOXYETHANOL (AND) TOCOPHERYL ACETATE.

DESCRIPTION: LIP-46 is composed of purified non-GMO soy phospholipids. These natural delivery systems encapsulate and transport Ethylhexyl Methoxycinnamate and Vitamin E to the target cells. Ethylhexyl Methoxycinnamate (also called Octyl Methoxycinnamate) is an active ingredient in OTC sunscreen products. It is used in products that are applied to the skin to absorb, reflect or scatter UV rays; it protects the skin from sunburn and other damaging effects of the sun.

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water (Aqua)	81.670	7732-18-5
Phospholipids (from Soybean lecithin)	7.500	123465-35-0
Caprylic/Capric Triglyceride	5.000	73398-61-5 / 65381-09-1
Ethylhexyl Methoxycinnamate	5.000	5466-77-3
Tocopheryl acetate	0.030	7695-91-2 / 58-95-7
Preservatives:		
Phenoxyethanol	0.300	122-99-6
DMDM Hydantoin	0.500	6440-58-0

Particle size:	≤ 500 nm (LLS)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Negative
Color:	White to slightly grey
Appearance:	Opalescent liquid. Absence of foreign matter
Odor:	Characteristic
pH:	5.50 – 7.50 (USP XXVII) (25°C)
Density:	0.980 – 1.050 (pycnometer) (20°C) (USP XXVII)
Dry residue:	15 gr.% minimum (0.5 gr. 1 hour 110° C)
Microbiological control:	Mesophilic bacteria: less than 200 CFU/gr. Moulds & yeast: less than 20 CFU/gr. No pathogens.

Keep refrigerated (5-15°C). Do not freeze. Protect from light.

EXTERNAL COSMETIC USE