

HAIR CONDITIONER NANOVECTOR WITH UVA & UVB SUN FILTERS

CODE: LIPCUAT-16

Date of last amendment: 18.03.2015

INCI name: WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) POLYQUATERNIUM-16 (AND) ETHYLHEXYL METHOXYCINNAMATE (AND) DIETHYLAMINO HYDROXYBENZOYL HEXYL BENZOATE (AND) PHENOXYETHANOL.

DESCRIPTION: Nanodispersion of phospholipids from non-GMO soybean lecithin associated to a quaternary polymer that confers positive net charge and high substantivity, which encapsulate and transport UVA and UVB chemical filters.

PROPERTIES: Nanovectors with high affinity to hair; they provide substantivity and protection against UV radiation. Strong adherence to capillary fiber, resisting rinsing. Moisture, lubricate and condition hair.

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water (Aqua)	69.250	7732-18-5
Phospholipids	15.000	123465-35-0
Polyquaternium-16	10.000	95144-24-4
Ethylhexyl Methoxycinnamate	4.000	5466-77-3
Diethylamino Hydroxybenzoyl Hexyl Benzoate	1.000	302776-68-7
Phenoxyethanol	0.750	122-99-6

Particle size:	100 – 300 nm. (DLS)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Positive
Color:	Light Yellow
Appearance:	Homogeneous, milky liquid
Odor:	Mild, characteristic
Water dispersion:	It scatters in all proportions
pH:	6.00 – 7.50 (USP XXVII) (25° C)
Density:	0.980 – 1.050 (USP XXVII) (pycnometer)
Dry residue:	28 gr.% min. (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 in fresh place (5 - 25°C / 40 - 77°F). Do not freeze. Protect from light. As phases may separate, shake before use.

EXTERNAL COSMETIC USE