

REPAIRING & MOISTURIZING NANOVECTOR (WITH NATURAL KERATIN)

CODE: LIPCUAT-13

Date of last amendment: 20.12.2021

INCI name: WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) POLYQUATERNIUM-16 (AND) HYDROLYZED KERATIN (AND) NIACINAMIDE (AND) PANTHENOL (AND) PHENOXYETHANOL (AND) TOCOPHERYL ACETATE.

DESCRIPTION: Nanodispersion of phospholipids from soybean lecithin associated to a quaternary polymer that confers positive net charge and high substantivity, which encapsulate and transport Hydrolyzed Keratin, Vitamin B3, Provitamin B5 and Vitamin E.

PROPERTIES: Repairs and moisturizes capillary fiber. Conditions, smoothens and provides brightness. Improves resistance to traction and elasticity, preventing hair loss due to breakage. Ideal for damaged hair. Vitamin E confers antioxidant properties. Helps reduce irritability in formulations that contain surfactants

NAME OF INGREDIENT - INCI ADOPTED NAME	% (weight)	CAS #
Water (Aqua)	67.150	7732-18-5
Phospholipids	15.000	123465-35-0
Polyquaternium-16	10.000	95144-24-4
Hydrolyzed Keratin	5.000	69430-36-0
Niacinamide	1.000	98-92-0
Panthenol	1.000	81-13-0 / 16485-10-2
Phenoxyethanol	0.750	122-99-6
Tocopheryl Acetate	0.100	7695-91-2 / 58-95-7

Particle size:	110 - 300 nm. (DLS)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Positive
Color:	Amber
Appearance:	Semi-translucent to opalescent liquid; low to mild viscosity
Odor:	Mild, characteristic
Water dispersion:	It scatters in all proportions
pH:	4.50 – 6.50 (USP XXVII) (25° C)
Density:	0.980 – 1.050 (USP XXVII) (pycnometer)
Dry residue:	20 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