

STRENGTHENING NANOVECTOR FOR HAIR CARE

CODE: LIPCUAT-2

Date of last amendment: 20.12.2021

INCI name: WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) POLYQUATERNIUM 16 (AND) PANTHENOL (AND) NIACINAMIDE (AND) HYDROLYZED WHEAT PROTEIN (AND) PHENOXYETHANOL (AND) BIOTIN (AND) TOCOPHERYL ACETATE.

DESCRIPTION Nanodispersion of phospholipids from non-GMO soybean lecithin with positive net charge which encapsulate and transport Panthenol, Nicotinamide, Hydrolyzed wheat germ protein, Biotin and Vitamin E, with high substantivity to the hair.

PROPERTIES: Strengthens the capillary fiber increasing resistance to traction and elasticity, thus helping to prevent hair loss due to breakage. Contains Biotin and Nicotinamide, known for promoting hair growth. Lubricates and leaves hair smooth, shiny and easy to comb.

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water (Aqua)	76.050	7732-18-5
Phospholipids	10.000	123465-35-0
Polyquaternium 16	10.000	95144-24-4
Panthenol	1.000	81-13-0 / 16485-10-2
Niacinamide	1.000	98-92-0
Hydrolyzed Wheat Protein	1.000	70084-87-6
Biotin	0.100	58-85-5
Tocopheryl Acetate	0.100	7695-91-2 / 58-95-7
Preservatives: Phenoxyethanol	0.750	122-99-6

Particle size:	110 – 300 nm. (LLS)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Positive
Color:	Light yellow to brownish, might be greenish.
Appearance:	Semi-translucent to opalescent liquid. Absence of foreign matter.
Odor:	Mild, characteristic.
pH:	5.00 – 6.50 (USP XXVII) (25° C)
Density:	0.980 – 1.050 (USP XXVII) (pycnometer)
Dry residue:	16 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