

## NANOVECTOR FOR PREVENTING & RESTORING SPLIT ENDS

**CODE:** LIPCUAT-18

Date of last amendment: 20.12.2021

**INCI name:** WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) POLYQUATERNIUM-16 (AND) DIMETHICONE/ VINYLTRIMETHYLSILOXYSILICATE CROSSPOLYMER (AND) ETHYLHEXYL METHOXYCINNAMATE (AND) PANTHENOL (AND) PHENOXYETHANOL (AND) TOCOPHERYL ACETATE.

**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 transfer Elastomer, Panthenol, Ethylhexyl Methoxycinnamate as Solar Filter and Vitamin E as antioxidant.

**PROPERTIES:** protects hair cuticles, helping prevent the formation of split ends. In already established split ends, it helps them close and prevents hair from further deterioration. Provides lubrication, softness and shine.

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water (Aqua)	71.150	7732-18-5
Phospholipids	15.000	123465-35-0
Polyquaternium-16	5.000	95144-24-4
Dimethicone/Vinyltrimethylsiloxysilicate Crosspolymer	5.000	-----
Ethylhexyl Methoxycinnamate	2.000	5466-77-3
Panthenol	1.000	81-13-0
Tocopheryl Acetate	0.100	7695-91-2
<b>Preservatives:</b> Phenoxyethanol	0.750	122-99-6

<b>Particle size:</b>	100 - 300 nm. (DLS)
<b>Manufacturing method:</b>	Microfluidization
<b>Net charge of the liposome:</b>	Positive
<b>Color:</b>	Light yellow
<b>Appearance:</b>	Semi-translucent to opalescent liquid; mild to high viscosity
<b>Odor:</b>	Mild, characteristic
<b>Water dispersion:</b>	It scatters in all proportions
<b>pH:</b>	5.00 – 7.00 (USP XXVII) (25° C)
<b>Density:</b>	0.980 – 1.050 (USP XXVII) (pycnometer)
<b>Dry residue:</b>	28 gr.% min. (0.5 gr. 1 hour 110° C)
<b>Microbiological control:</b>	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**