

## MOISTURIZER NANOVECTOR FOR HAIR CARE

**CODE:** LIPCUAT-1

Date of last amendment: 20.12.2021

**INCI name:** WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) POLYQUATERNIUM-16 (AND) PHENOXYETHANOL (AND) TOCOPHERYL ACETATE.

**DESCRIPTION:** Nanodispersion of phospholipids from non-GMO soybean lecithin with positive net charge with high substantivity to the hair fiber

**PROPERTIES:** Lubricates and moisturizes the hair fiber, making it more elastic and resistant. Conditions and softens. Phospholipids provide with Vitamin F and Vitamin E.

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water (Aqua)	79.200	7732-18-5
Phospholipids	10.000	123465-35-0
Polyquaternium-16	10.000	95144-24-4
Tocopheryl Acetate	0.050	7695-91-2 / 58-95-7
<b>Preservatives:</b> Phenoxyethanol	0.750	122-99-6

<b>Particle size:</b>	110 – 300 nm. (LLS)
<b>Manufacturing method:</b>	Microfluidization
<b>Net charge of the liposome:</b>	Positive
<b>Color:</b>	Pale yellow
<b>Appearance:</b>	Semi-translucent to opalescent liquid. Absence of foreign matter
<b>Odor:</b>	Mild, characteristic
<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>	20,00 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**