

## PERFECT CURLS NANOVECTOR

**CODE:** LIPCUAT-15

Date of last amendment: 20.12.2021

**INCI name:** WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) POLYQUATERNIUM-16 (AND) PHENYL TRIMETHICONE (AND) SIMMONDSIA CHINENSIS SEED OIL (AND) CANOLA (BRASSICA) OIL (AND) HYDROLYZED SOY PROTEIN (AND) PANTHENOL (AND) PHENOXYETHANOL (AND) SHEA BUTTER (BUTYROSPERMUM PARKII) (AND) ETHYLHEXYL METHOXYCINNAMATE (AND) TOCOPHEROL.

**DESCRIPTION:** Nanodispersion of phospholipids from non-GMO soybean lecithin associated to a quaternary polymer that confers positive net charge and high substantivity, encapsulating Silicones, Jojoba Oil, Canola Oil, Panthenol, Hydrolyzed Soy Protein, Shea Butter, Solar Filter and Vitamin E.

**PROPERTIES:** Conditions, moisturized, lubricates and smooths curls. Provides better resistance and elasticity, preventing hair loss due to breakage. Reduces frizz, helps prevent split ends and gives shine. In colored hair, it helps extend the time between colorations.

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water (Aqua)	60.150	7732-18-5
Phospholipids	12.500	123465-35-0
Polyquaternium-16	12.500	95144-24-4
Phenyl Trimethicone	6.250	9005-12-3
Simmondsia Chinensis Seed Oil	2.500	90045-98-0
Canola (Brassica) Oil	2.500	120962-03-0
Hydrolyzed Soy Protein	1.000	68607-88-5
Panthenol	1.000	81-13-0
Shea Butter (Butyrospermum Parkii)	0.500	225234-14-0
Ethylhexyl Methoxycinnamate	0.250	5466-77-3
Tocopheryl Acetate	0.100	7695-91-2 / 58-95-7
<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>	Yellowish White to brownish
<b>Appearance:</b>	Semi-translucent to opalescent liquid. Absence of foreign matter
<b>Odor:</b>	Mild, characteristic
<b>Water dispersion:</b>	It scatters in all proportions
<b>pH:</b>	6.00 – 7.50 (USP XXVII) (25° C)
<b>Density:</b>	0.980 – 1.050 (USP XXVII) (pycnometer)
<b>Dry residue:</b>	35 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**