

## MOISTURIZING NANOVECTOR WITH CERAMIDES

**CODE:** LIPCUAT-20

Date of last amendment: 12.06.2023

**INCI name:** WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) POLYQUATERNIUM-16 (AND) CERAMIDE NP (AND) SIMMONDSIA CHINENSIS SEED OIL (AND) PRUNUS AMYGDALUS DULCIS OIL (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 transport Ceramides, Almond Oil, Jojoba Oil and Vitamin E.

**PROPERTIES:** Conditions, moistures, smoothens and protects hair. Ideal for dry, damaged, brittle hair. Restores natural lubrication. Vitamin E provides antioxidant properties.

NAME OF INGREDIENT - INCI ADOPTED NAME	% (weight)	CAS #
Water (Aqua)	76.000	7732-18-5
Phospholipids	10.000	123465-35-0
Polyquaternium-16	10.000	95144-24-4
Ceramide NP	1.000	34354-88-6
Simmondsia Chinensis Seed Oil	1.000	90045-98-0
Prunus Amygdalus Dulcis Oil	1.000	8007-69-0
Phenoxyethanol	0.750	122-99-66
Tocopheryl Acetate	0.250	7695-91-2

<b>Particle size:</b>	110 - 300 nm. (DLS)
<b>Manufacturing method:</b>	Microfluidization
<b>Net charge of the liposome:</b>	Positive
<b>Color:</b>	Light Brown
<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 – 6.50 (USP XXVII) (25° C)
<b>Density:</b>	0.980 – 1.050 (USP XXVII) (pycnometer)
<b>Dry residue:</b>	18 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**