

## ANTIOXIDANT NANOVECTOR with VITAMIN E

**CODE:** LIPCUAT-22

Date of last amendment: 24.04.2023

**INCI NAME:** WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) POLYQUATERNIUM-16 (AND) CAPRYLIC/CAPRIC TRIGLYCERIDE (AND) TOCOPHERYL ACETATE (AND) PHENOXYETHANOL .

**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 Vitamin E.

**PROPERTIES:** Vitamin E fights free radicals. Conditions, smoothens and provides brightness.

NAME OF INGREDIENT - INCI ADOPTED NAME	% (weight)	CAS #
Water (Aqua)	75.750	7732-18-5
Phospholipids	10.000	123465-35-0
Polyquaternium-16	10.000	95144-24-4
Caprylic/Capric Triglyceride	2.500	73398-61-5 / 65381-09-1
Tocopheryl Acetate	1.000	7695-91-2 / 58-95-7
Phenoxyethanol	0.750	122-99-6

Particle size:	100 - 500 nm. (DLS)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Positive
Color:	Yellow to light Brown
Appearance:	Semi-translucent to opalescent liquid. Absence of foreign matter
Odor:	Mild, Characteristic
pH:	5.00 – 7.00 (USP XXVII) (25° C)
Density:	0.980 – 1.050 (USP XXVII) (pycnometer)
Dry residue:	20 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**