

COLOR FIXATION & PROTECTION NANOVECTOR

CODE: LIPCUAT-12

Date of last amendment: 20.12.2021

INCI name: WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) POLYQUATERNIUM-16 (AND) DIMETHICONE (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 Silicones and Vitamin E.

PROPERTIES: Conditions, lubricates and smoothens both capillary fiber and skin. Has disentangling action, making washing and combing easy. Provides hair brightness, volume and elasticity. Strengthens and improves resistance to traction, helping hair loss due to breakage. Vitamin E confers antioxidant properties. Reduces frizz. When added to oxidation dyes, it improves color fixation and helps prevent its elimination in successive washes.

NAME OF INGREDIENT - INCI ADOPTED NAME	% (weight)	CAS #
Water (Aqua)	50.200	7732-18-5
Phospholipids	17.000	123465-35-0
Polyquaternium-16	17.000	95144-24-4
Dimethicone	15.000	63148-62-9 / 9006-65-9 / 9016-00-6
Tocopheryl Acetate	0.050	7695-91-2 / 58-95-7
Preservatives: Phenoxyethanol	0.750	122-99-6

Particle size:	100 – 300 nm (DLS)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Positive
Color:	Amber
Appearance:	Semi-translucent to opalescent liquid; mild to high viscosity
Odor:	Mild, characteristic
Water dispersion:	It scatters in all proportions
pH:	5.00 – 7.50 (USP XXVII) (25° C)
Density:	0.980 – 1.050 (USP XXVII) (pycnometer)
Dry residue:	35 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