NanoVec™

SPECIFICATIONS - TDS

ANTI-FRIZZ NANOVECTOR

CODE: LIPCUAT-19 Date of last amendment: 20.12.2021

INCI name: WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) POLYQUATERNIUM-16 (AND) DIMETHICONE/ VINYLTRIMETHYLSILOXYSILICATE CROSSPOLYMER (AND) PANTHENOL (AND) ETHYLHEXYL METHOXYCINNAMATE (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 Silicones, Elastomer, Panthenol, Ethylhexyl Methoxycinnamate and Vitamin E.

PROPERTIES: Helps eliminate Frizz, as it reduces the static charge of the hair, while lubricating and smoothening the capillary fiber. It is disentangling, making washing and combing easy. Strengthens and improves resistance to traction, decreasing hair loss due to cut. Provides elasticity and shine. Ethylhexyl methoxycinnamate provides solar protection. Vitamin E acts as an antioxidant.

NAME OF INGREDIENT - INCI ADOPTED NAME	% (weight)	CAS #
Water (Aqua)	65.200	7732-18-5
Phospholipids	12.000	123465-35-0
Polyquaternium-16	10.000	95144-24-4
Dimethicone/Vinyltrimethylsiloxysilicate Crosspolymer	10.000	------
Panthenol	1.000	81-13-0 / 16485-10-2
Ethylhexyl Methoxycinnamate	1.000	5466-77-3
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:	Characteristic
Water dispersion:	It scatters in all proportions
pH:	5.00 – 7.00 (USP XXVII) (25º C)
Density:	0.980 – 1.050 (USP XXVII) (pycnometer)
Dry residue:	30 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