

THERMO PROTECTIVE NANOVECTOR

CODE: LIPCUAT-9

Date of last amendment: 20.12.2021

INCI name: WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) POLYQUATERNIUM-16 (AND) PHENYL TRIMETHICONE (AND) PRUNUS AMYGDALUS DULCIS OIL (AND) HYDROLYZED SILK (AND) PHENOXYETHANOL (AND) PANTHENOL (AND) TOCOPHEROL.

DESCRIPTION: Nanodispersion of phospholipids from soybean lecithin associated to a quaternary polymer that confers positive net charge and high substantivity, encapsulating Silicones, Almond Oil, Panthenol, Hydrolyzed Silk and Vitamin E.

PROPERTIES: Protects hair fiber from sudden temperature changes, especially when using hair straighteners and hair driers. It forms a protective film that decreases heat transfer speed to hair, preventing burns and/or the formation of vapor bubbles that damage hair structure. Lubricates and conditions, helping straighteners to slip smoothly and avoiding breakage due to mechanical traction. Leaves hair soft and bright.

NAME OF INGREDIENT - INCI ADOPTED NAME	% (weight)	CAS #
Water (Aqua)	71.650	7732-18-5
Phospholipids	10.000	123465-35-0
Polyquaternium-16	10.000	95144-24-4
Phenyl Trimethicone	5.000	2116-84-9
Prunus Amygdalus Dulcis Oil	1.000	8007-69-0 / 90320-37-9
Hydrolyzed Silk	1.000	96690-41-4
Panthenol	0.500	81-13-0 / 16485-10-2
Tocopherol	0.100	10191-41-0
Preservatives: Phenoxyethanol	0.750	122-99-6

Particle size:	110 – 300 nm. (LLS)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Positive
Color:	Yellowish white to brownish
Appearance:	Semi-translucent to opalescent liquid. Absence of foreign matter
Odor:	Mild, characteristic
Water dispersion:	It scatters in all proportions
pH:	5.00 – 7.00 (USP XXVII) (25° C)
Specific Gravity:	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