

THERMO PROTECTIVE NANOVECTOR

CODE: LIPCUAT-9U

Date of last amendment: 16.12.2021

INCI name: WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) POLYQUATERNIUM-16 (AND) PRUNUS AMYGDALUS DULCIS (SWEET ALMOND) OIL (AND) HYDROLYZED SILK (AND) PHENOXYETHANOL (AND) BUTYROSPERMUM PARKII BUTTER (SHEA BUTTER) (AND) PANTHENOL (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 Sweet Almond Oil, Shea Butter, Panthenol, Hydrolyzed Silk and Vitamin E acetate.

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)	72.150	7732-18-5
Phospholipids	10.000	123465-35-0
Polyquaternium-16	10.000	95144-24-4
Prunus Amygdalus Dulcis (Sweet Almond) Oil	5.000	8007-69-0
Hydrolyzed Silk	1.000	96690-41-4
Butyrospermum Parkii Butter (Shea Butter)	0.500	194043-92-0
Panthenol	0.500	81-13-0
Tocopheryl Acetate	0.100	7695-91-2
Preservatives: Phenoxyethanol	0.750	122-99-6

Particle size:	100 – 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 dispersibility:	In all proportions.
pH:	5.00 – 7.00 (USP XXVII) (25° C)
Specific Gravity:	1.000 g/ml ± 10% (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.
Product shelf life:	30 months

Keep in fresh place (5 - 25°C). Do not freeze. Protect from light. Shake before use.

Transportation: product can be transported at room temperature (up to 30 degrees) for a maximum period of 8 weeks.

EXTERNAL COSMETIC USE