

ULTRA-MOISTURIZING NANOVECTOR with NMF

CODE: LIPCUAT-17

Date of last amendment: 01.03.2023

INCI name: WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) POLYQUATERNIUM-16 (AND) SODIUM PCA (AND) LACTIC ACID (AND) UREA (AND) GLYCINE (AND) NIACINAMIDE (AND) ALLANTOIN (AND) ALANINE (AND) SERINE (AND) SODIUM HYALURONATE (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 highly moisturizing substances (similar to NMF)

PROPERTIES: Nanovectors with high affinity to hair; they provide substantivity and great moisture to hair and scalp. Strong adherence to the capillary fiber, resisting rinsing. Moisture, lubricate and condition hair, reducing frizz.

COMPOSITION (INCI NAME)	% (weight)	CAS #	EINECS
Water (Aqua)	67.150	7732-18-5	231-791-2
Phospholipids	12.000	123465-35-0	
Polyquaternium-16	10.000	95144-24-4	
NMF :	10.000		
Water (Aqua)		7732-18-5	231-791-2
Sodium PCA		28874-51-3	249-277-1
Lactic Acid		50-21-5	200-018-0
Urea		57-13-6	200-315-5
Glycine		56-40-6	200-272-2
Niacinamide		98-92-0	200-713-4
Allantoin		97-59-6	200-592-8
Alanine		56-41-7	200-126-4 / 200-273-8
Serine		56-45-1	200-130-6 / 200-274-3
Sodium Hyaluronate		9067-32-7	9067-32-7
Tocopheryl Acetate	0.100	7695-91-2	231-710-0 / 200-405-4
Preservatives: Phenoxyethanol	0.750	122-99-6	204-589-7

Particle size:	100 - 300 nm. (DLS)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Positive
Color:	Amber
Appearance:	Semi-translucent to opalescent liquid
Odor:	Mild, characteristic
Water dispersion:	It scatters in all proportions
pH:	3.00 – 5.00 (USP XXVII) (25° C)
Density:	1.000 – 1.060 (USP XXVII) (pycnometer)
Dry residue:	18 gr.% min. (0.5 gr. 1 hour 110° C)
Microbiological control:	Mesophilic aerobes: less than 200 CFU/gr. Molds & 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