

SUPER MOISTURIZING NANOVECTOR

CODE: LIPCUAT-29

Date of last amendment: 05.02.2021

INCI NAME: WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) POLYQUATERNIUM-16 (AND) UREA (AND) PHENOXYETHANOL (AND) CAPRYLYL GLYCOL

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 Urea

PROPERTIES: Urea plays an important role in moisture regulation, as it is a key constituent of the Natural Moisturising Factor (NMF), and presents the amazing ability to hold onto water molecules.

COMPOSITION (INCI NAME)		% (weight)	CAS #
Water (Aqua)		73.150	7732-18-5
Phospholipids		10.000	123465-35-0
Polyquaternium-16		10.000	95144-24-4
Urea		10.000	57-13-6
Preservatives:			
Phenoxyethanol		0.750	122-99-6
Caprylyl Glycol		0.200	1117-86-8
Particle size:	100 – 300 nm. (DLS)		
Manufacturing method:	Microfluidization		
Net charge of the liposome:	Positive		
Color:	Amber		
Appearance:	Semi-translucent to opalescent liquid. Absence of foreign matter		
Odor:	Characteristic		
pH:	4.00 – 5.00 (USP XXVII) (25° C)		
Density:	1.000 g/ml ± 10% (USP XXVII) (pycnometer)		
Dry residue:	20 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.		
Product shelf life:	2 years		

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

EXTERNAL COSMETIC USE