

## HAIR RESTORATIVE NANOVECTOR WITH HYDROLYZED VEGETABLE PROTEINS SIMIL KERATIN

**CODE:** LIPCUAT-37

Date of last amendment: 20.12.2021

**INCI NAME:** WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) POLYQUATERNIUM-16 (AND) HYDROLYZED SOY PROTEIN (AND) HYDROLYZED OAT PROTEIN (AND) HYDROLYZED RICE PROTEIN (AND) PHENOXYETHANOL (AND) TOCOPHERYL ACETATE.

**DESCRIPTION:** Nanodispersion of phospholipids purified from soy lecithin, associated with a cationic polymer that gives it a net positive surface charge with high adherence to the hair fiber and that encapsulates amino acids from Soybean, Oat and Rice vegetable proteins.

**PROPERTIES:** PROPERTIES: Hair restorer, conditioner and moisturizer. Improves tensile strength and elasticity, helping to prevent shear drop. Ideal to add to Vegan hair products (shampoos, conditioners and lotions).

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water (Aqua)	69,150	7732-18-5
Phospholipids	15,000	123465-35-0
Polyquaternium-16	10,000	95144-24-4
Hydrolyzed Soy Protein	3,000	68607-88-5
Hydrolyzed Oat Protein	1,000	151661-87-9
Hydrolyzed Rice Protein	1,000	156715-40-1
Tocopheryl Acetate	0,100	7695-91-2 / 58-95-7
<b>Conservantes:</b> Phenoxyethanol	0,750	122-99-6

<b>Particle size:</b>	100 – 300 nm. (LLS)
<b>Manufacturing method:</b>	Microfluidization
<b>Net charge of the liposome:</b>	Positive
<b>Color:</b>	Amber to yellow
<b>Appearance:</b>	Semi-translucent to opalescent liquid. Absence of foreign matter
<b>Odor:</b>	Mild, characteristic
<b>pH:</b>	5.00 – 7.00 (USP XXVII) (25° C)
<b>Density:</b>	0.980 – 1.050 (USP XXVII) (pycnometer)
<b>Dry residue:</b>	18,00 gr.% min. (0.5 gr. 1 hour 110° C)
<b>Microbiological control:</b>	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**