

QUATERNIZED NANOVECTOR FOR HAIR CARE CONDITIONER AND REPLENISHER (With living Yeast cells extract)

CODE: LIPCUAT-5

Date of last amendment: 21.01.2015

INCI name: WATER (AQUA) (AND) PHOSPHOLIPIDS (from soybean lecithin) (AND) POLYQUATERNIUM-16 (AND) PANTHENOL (AND) YEAST EXTRACT (AND) HYDROLYZED WHEAT PROTEIN (AND) BIOTIN (AND) TOCOPHERYL ACETATE.

DESCRIPTION: Nanodispersion of phospholipids from soybean lecithin associated to a quaternary polymer that confers positive net charge and high substantivity, encapsulating Panthenol, Yeast extract, Hydrolyzed Wheat Protein, Biotin and Vitamin E.

PROPERTIES: Replenishes hair fiber, increasing resistance to traction and elasticity, preventing hair loss due to breakage. Contains Biotin and Yeast extract, which activates and replenishes hair bulb. Lubricates, smoothens, provides brightness and combability to hair.

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water (Aqua)	72.140	7732-18-5
Phospholipids (from soybean lecithin)	10.000	123465-35-0
Polyquaternium 16	10.000	95144-24-4
Yeast Extract 1%	5.000	84604-16-0
Hydrolyzed Wheat Protein	1.000	94350-06-8 / 222400-28-4 / 70084-87-6 / 100209-50-5
D-panthenol	1.000	81-13-0 / 16485-10-2
Tocopheryl acetate	0.100	7695-91-2 / 58-95-7
Biotin	0.010	58-85-5
Preservatives: Phenoxyethanol	0.750	122-99-6
Particle size:	100 - 300 nm. (LLS)	
Manufacturing method:	Microfluidization	
Net charge of the liposome:	Positive	
Color:	Light orange to brown, or light green	
Appearance:	Semi-translucent to opalescent liquid. Absence of foreign matter	
Odor:	Mild, characteristic	
pH:	5.00 – 7.00 (USP XXVII) (25° C)	
Density:	0.980 – 1.050 (USP XXVII) (pycnometer)	
Dry residue:	16 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 lifetime:	3 years	

Keep refrigerated (5-15°C / 40-60°F). Do not freeze. Protect from light. Shake before use.

EXTERNAL COSMETIC USE