

HAIR NANOVECTOR WITH GINSENG AND CALENDULA MERISTEM CELL EXTRACTS

CODE: LIPCUAT-32

Date of last amendment: 20.12.2021

INCI name: WATER (AND) PHOSPHOLIPIDS (AND) POLYQUATERNIUM-16 (AND) PANAX GINSENG MERISTEM CELL EXTRACT (AND) CALENDULA OFFICINALIS MERISTEM CELL EXTRACT (AND) SIMMONDSIA CHINENSIS SEED OIL (AND) PHENOXYETHANOL (AND) BUTYROSPERMUM PARKII 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, that encapsulates and transports carefully selected active ingredients, namely, Ginseng and Calendula Meristem Cell Extracts, Jojoba Oil, Shea Butter, Panthenol and Vitamin E.

PROPERTIES: Presents high substantivity with the capillary fiber. Revitalizes, nourishes, conditions and protects the hair. Improves combing and helps to prevent hair loss (due to breakage). Provides shine and smoothness to hair. Contributes with lipids that lubricate the hair. Vitamin E is a well-proven antioxidant.

NAME OF INGREDIENT - INCI ADOPTED NAME	% (weight)	CAS #
Water (Aqua)	75.000	7732-18-5
Phospholipids	10.000	123465-35-0
Polyquaternium-16	10.000	95144-24-4
Panax Ginseng Meristem Cell Extract	1.000	-----
Calendula Officinalis Meristem Cell Extract	1.000	84776-23-8
Simmondsia Chinensis Seed Oil	1.000	90045-98-0
Butyrospermum Parkii Butter (Shea Butter)	0.500	194043-92-0 / 91080-23-8
Panthenol	0.500	81-13-0 / 16485-10-2
Tocopheryl Acetate	0.250	7695-91-2 / 58-95-7
Preservatives:		
Phenoxyethanol	0.750	122-99-6

Particle size:	100 - 300 nm. (DLS)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Positive
Color:	White to Yellow
Appearance:	Semi-translucent to opalescent liquid. Absence of foreign matter
Odor:	Mild
pH:	4.00 – 6.00 (USP XXVII) (25° C)
Density:	0.980 – 1.050 (20° C) (USP XXVII) (pycnometer)
Dry residue:	>= 17 gr.% (0.5 gr. 1 hour 110° C)
Microbiological control:	Mesophilic bacteria: less than 100 CFU/gr. Moulds & yeast: less than 20 CFU/gr. No pathogens.

If stored between 5 and 15°C, the product has a shelf life of 3 years.

If stored between 15 and 25°C, the product has a shelf life of 2 years.

Do not freeze. Protect from light. As phases may separate, shake before use.

EXTERNAL COSMETIC USE