

ANTIOXIDANT CATIONIC NANOVECTOR WITH ALGAE EXTRACTS FOR CHEMICAL DAMAGE REPAIR AND ANTI-POLLUTION

CODE: LIPCUAT-43

Date of last amendment: 20.03.2023

INCI name: WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) POLYQUATERNIUM-16 (AND) FUCUS VESICULOSUS EXTRACT (AND) SPIRULINA PLATENSIS EXTRACT (AND) PHENOXYETHANOL (AND) SODIUM ASCORBYL PHOSPHATE (AND) TOCOPHERYL ACETATE.

DESCRIPTION: Nanodispersion of soy lecithin phospholipids with a net positive charge of high substantivity with hair encapsulating Fucus algae extract, Spirulina algae extract, stabilized Vitamin C and Vitamin E, both as antioxidants.

PROPERTIES: Ideal for repairing hair subjected to chemical damage. It has antioxidant action thanks to Vitamin C and Vitamin E that counteracts free radicals and oxidizing agents that damage hair during chemical processes. Seaweed, rich in polysaccharides and B Complex vitamins, restores natural moisture and elasticity to the hair. Spirulina and Fucus algae also stand out for their antioxidant power. It also has anti-pollution action.

NAME OF INGREDIENT - INCI ADOPTED NAME	% (weight)	CAS #
Water (Aqua)	68,250	7732-18-5
Phospholipids	10,000	123465-35-0
Polyquaternium-16	10,000	95144-24-4
Fucus Vesiculosus Extract	5,000	84696-13-9
Spirulina Platensis Extract	5,000	223751-80-2
Sodium Ascorbyl Phosphate	0,500	66170-10-3
Tocopheryl Acetate	0,500	7695-91-2 / 58-95-7
Preservado con: Phenoxyethanol	0,750	122-99-6

Particle size:	100 – 300 nm. (DLS)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Positive
Color:	Amber
Appearance:	Liquid to moderately viscous fluid with a semi-translucent to opalescent appearance.
Odor:	Mild, Characteristic
pH:	5.00 – 7.00 (USP XXVII) (25° C)
Density:	0.980 – 1.050 (USP XXVII) (pycnometer)
Dry residue:	18 gr.% min. (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.

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