

REVITALIZING MULTI-EXTRACTS NANOVECTOR

CODE: LIPCUAT-21

Date of last amendment: 20.12.2021

INCI name: WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) POLYQUATERNIUM-16 (AND) CENTELLA ASIATICA EXTRACT (AND) URTICA DIOICA EXTRACT (AND) SERENOA SERRULATA FRUIT EXTRACT (AND) EQUISETUM GIGANTEUM EXTRACT (AND) PHENOXYETHANOL (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, which encapsulate and transport Nettle extract, Centella Asiatica, Saw Palmetto and Equisetum.

PROPERTIES: Nanovectors with high affinity to hair and scalp. They carry vegetable extracts of well-known revitalizing action. Strengthens capillary fiber, improving hair loss due to cut. Conditions, lubricates, smoothens and moisturizes hair, providing shine and softness.

| NAME OF INGREDIENT - INCI ADOPTED NAME | % (weight) | CAS # |
|---|------------|---------------------|
| Water (Aqua) | 66.600 | 7732-18-5 |
| Phospholipids | 10.000 | 123465-35-0 |
| Polyquaternium-16 | 10.000 | 95144-24-4 |
| Centella Asiatica Extract | 5.000 | 84696-21-9 |
| Urtica Dioica Extract | 2.500 | 84012-40-8 |
| Sereno Serrulata Fruit Extract | 2.500 | 84604-15-9 |
| Equisetum Giganteum Extract | 2.500 | ----- |
| Tocopheryl Acetate | 0.150 | 7695-91-2 / 58-95-7 |
| Preservatives: Phenoxyethanol | 0.750 | 122-99-6 |

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| Particle size: | 100 - 300 nm. (DLS) |
| Manufacturing method: | Microfluidization |
| Net charge of the liposome: | Positive |
| Color: | Yellow to Brown |
| 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: | 15 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. |

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