

HAIR THICKENER NANOVECTOR

CODE: LIPCUAT-33

Date of last amendment: 20.12.2021

INCI NAME: WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) POLYQUATERNIUM-16 (AND) MALTODEXTRIN (AND) PROPYLENE GLYCOL (AND) PHENYL TRIMETHICONE (AND) PHENOXYETHANOL (AND) CAPRYLYL GLYCOL (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 Maltodextrin, Propylene Glycol, Silicones and Vitamin E.

PROPERTIES: LIPCUAT-33 binds to the capillary fiber, achieving a thickener effect. Moisturizes and conditions the hair, leaving it shiny, soft and easy to comb. Improves traction resistance and elasticity, helping to prevent hair loss due to breakage. Vitamin E is a powerful antioxidant.

| COMPOSITION (INCI NAME) | % (weight) | CAS # |
|-------------------------|------------|-------------|
| Water (Aqua) | 55.900 | 7732-18-5 |
| Phospholipids | 10.000 | 123465-35-0 |
| Polyquaternium-16 | 10.000 | 95144-24-4 |
| Maltodextrin | 10.000 | 9050-36-6 |
| Propylene Glycol | 9.000 | 57-55-6 |
| Phenyl Trimethicone | 4.000 | 2116-84-9 |
| Tocopheryl Acetate | 0.100 | 7695-91-2 |
| Preservatives: | | |
| Phenoxyethanol | 0.800 | 122-99-6 |
| Caprylyl Glycol | 0.200 | 1117-86-8 |

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| Particle size: | 100 – 600 nm. (DLS) |
| Manufacturing method: | Microfluidization |
| Net charge of the liposome: | Positive |
| Color: | Amber |
| Appearance: | Semi-translucent to opalescent liquid. Absence of foreign matter |
| Odor: | Mild |
| pH: | 5.00 – 7.00 (USP XXVII) (25° C) |
| Density: | 1.000 g/ml ± 10% (USP XXVII) (pycnometer) |
| Dry residue: | 35 gr.% min. (0.5 gr. 1 hour 110° C) |
| Microbiological control: | Mesophilic aerobes: less than 200 CFU/gr. Molds & yeast: less than 20 CFU/gr. No pathogens. |
| Product shelf life: | 2 years |

Keep in fresh place (5 - 25°C). Do not freeze. Protect from light. Shake before use.

EXTERNAL COSMETIC USE