

## MULTIVITAMIN NANOVECTOR REVITALIZER, ANTIOXIDANT AND CONDITIONER

**CODE:** LIPCUAT-7

Date of last amendment: 21.01.2015

**INCI NAME:** WATER (AQUA) (AND) PHOSPHOLIPIDS (from soybean lecithin) (AND) POLYQUATERNIUM 16 (AND) PRUNUS AMYGDALUS DULCIS OIL (AND) SODIUM ASCORBYL PHOSPHATE (AND) PANTHENOL (AND) RETINYL PALMITATE (AND) TOCOPHERYL ACETATE (AND) BIOTIN.

**DESCRIPTION:** Nanodispersion of phospholipids from soybean lecithin associated to a quaternary polymer that confers positive net charge and high substantivity, encapsulating Vitamin A, Vitamin E, Vitamin C, Pro-Vitamin B5 (D-Panthenol), Vitamin H (Biotin) and Almond Oil.

**PROPERTIES:** Nutritive and revitalizer. Contains essential vitamins to hair beauty and health. Increases elasticity and resistance to traction, thus decreasing hair loss due to breakage. Strengthens capillary fiber and protects against foreign oxidant agents due to the presence of Vitamin E and stabilized Vitamin C. Provides softness, shininess and vitality.

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water (Aqua)	74.200	7732-18-5
Phospholipids (from soybean lecithin)	10.000	123465-35-0
Polyquaternium-16	10.000	95144-24-4
Prunus Amygdalus Dulcis Oil	2.000	8007-69-0 / 90320-37-9
Sodium Ascorbyl Phosphate	1.000	66170-10-3
Panthenol	1.000	81-130 / 16485-10-2
Retinyl Palmitate	0.500	79-81-2
Tocopheryl Acetate	0.500	7695-91-2 / 58-95-7
Biotin	0.050	58-85-5
<b>Preservatives:</b> Phenoxyethanol	0.750	122-99-6

<b>Particle size:</b>	100 – 500 nm. (LLS)
<b>Manufacturing method:</b>	Microfluidization
<b>Net charge of the liposome:</b>	Positive.
<b>Color:</b>	Yellowish white
<b>Appearance:</b>	Semi-translucent to opalescent liquid. Absence of foreign matter
<b>Odor:</b>	Mild, characteristic
<b>pH:</b>	5.50 – 7.50 (USP XXVII) (25° C)
<b>Density:</b>	1.000 – 1.060 (USP XXVII) (pycnometer)
<b>Dry residue:</b>	25 gr.% min. (0.5 gr. 1 hour 110° C)
<b>Microbiological control:</b>	Mesophilic bacteria: less than 200 CFU/gr. Moulds & yeast: less than 20 CFU/gr. No pathogens.

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

**EXTERNAL COSMETIC USE**