NanoVec™ personal care

SPECIFICATIONS - TDS

THERMO-PROTECTIVE NANOVECTOR

CODE: LIPCUAT-9

Date of last amendment: 21.01.2015

INCI name: WATER (AQUA) (AND) PHOSPHOLIPIDS from soybean lecithin (AND) POLYQUATERNIUM-16 (AND) PHENYL TRIMETHICONE (AND) PRUNUS AMYGDALUS DULCIS OIL (AND) HYDROLYZED SILK (AND) PANTHENOL (AND) TOCOPHEROL.

DESCRIPTION: Nanodispersion of phospholipids from soybean lecithin associated to a quaternary polymer that confers positive net charge and high substantivity, encapsulating Silicones, Almond Oil, Panthenol, Hydrolized silk and Vitamin E.

PROPERTIES: Protects hair fiber from sudden temperature changes, especially when using hair straighteners and hair driers.
It forms a protective film that decreases heat transfer speed to hair, preventing burns and/or the formation of vapour bubbles that damage hair structure. Lubricates and conditions, helping straighteners to slip smoothly and avoiding breakage due to mechanical traction. Leaves hair soft and bright.

NAME OF INGREDIENT - INCI ADOPTED NAME	% (weight)
WATER (AQUA) CAS 7732-18-5	72,200
PHOSPHOLIPIDS (from soybean lecithin) CAS 123465-35-0	10,000
POLYQUATERNIUM-16 CAS 95144-24-4	10,000
PHENYL TRIMETHICONE CAS 2116-84-9	5,000
PRUNUS AMYGDALUS DULCIS OIL CAS 8007-69-0 / 90320-37-9	1,000
HYDROLYZED SILK CAS 96690-41-4	1,000
PANTHENOL CAS 81-13-0 / 16485-10-2	0,500
TOCOPHEROL CAS # 154-28-4/ 16698-35-4/ 10191-41-0/ 119-13-1/ 1406-18-4/ 1406-66-2/ 2074-53-5/ 59-02-9/ 7616-22-0	0,100
Preservatives: Methylchloroisothiazolinone AND Methylisothiazolinone (Kathon CG sn) CAS# 26172-55-4 & 2682-20-4	0,200

Particle size:	110 - 300 nm. (LLS)
Manufacturing method:	Microfluidization.
Net charge of the liposome:	Positive.
Color:	Light yellowish white to brownish.
Appearance:	Semi-translucent to opalescent liquid. Absence of foreign matter.
Odor:	Mild, characteristic
Water dispersion:	It scatters in all proportions
pH:	5.00 to 7.00 (USP XXVII): (25º C).
Density:	0.980 – 1.050 (USP XXVII) (pycnometer).
Dry residue:	20 gr.% min. (0.5 gr. 1 hour 110° C).
Microbiological control:	Aerobic Mesophylls: less than 200 CFU/gr. Moulds & yeast: less than 20 CFU/gr. No pathogens.

Keep refrigerated (5-15°C). Do not freeze. Protect from light.

EXTERNAL COSMETIC USE