

MOISTURIZING LIPOSOMES WITH VITAMIN A, E AND UREA

CODE: LIP-1

Date of last amendment: 01.09.2017

INCI name: WATER (AQUA) (AND) PHOSPHOLIPIDS (from soybean lecithin) (AND) UREA (AND) RETINYL PALMITATE (AND) TOCOPHERYL ACETATE.

DESCRIPTION: Liposomes from soybean lecithin encapsulating Vitamin A palmitate, Vitamin E acetate, water and urea. They provide high moisturizing and repairing power.

COMPOSITION (INCI NAME)	% (weight)
Water (Aqua) (CAS # 7732-18-5)	82,980
Phospholipids (from Soybean lecithin) (CAS # 123465-35-0)	10,000
Urea (CAS # 57-13-6)	5,000
Retinyl palmitate (CAS # 79-81-2)	0,500
Tocopheryl acetate (CAS # 7695-91-2 / 58-95-7)	0,020
Preservatives:	
- Phenoxyethanol (CAS # 122-99-6)	0,750
- DMDM Hydantoin (CAS # 6440-58-0)	0,750

Particle size:	Less than 500 nm (L.LS).
Manufacturing method:	Microfluidization.
Net charge of the liposome:	Negative.
Type of liposome:	Oligo-unilamellar.
Color:	Light yellow
Appearance:	Semitranslucent to opalescent liquid. Absence of foreign matter.
Odor:	Mild.
pH:	4,50 - 6,00 (25°C) (USP XXVII)
Density:	0,980 - 1,050 (pycnometer) (20°C) (USP XXVII)
Dry residue:	15,0 gr % minimum (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