

25% NIACINAMIDE LIPOSOMES

CODE: LIPH-113

Date of last amendment: 10.01.2025

INCI name: WATER (AQUA) (AND) NIACINAMIDE (AND) HYDROGENATED PHOSPHATIDYLCHOLINE (AND) PROPANEDIOL (AND) CAPRYLIC/CAPRIC TRIGLYCERIDE (AND) CAPRYLYL GLYCOL (AND) TOCOPHEROL.

DESCRIPTION: Hydrogenated phosphatidylcholine liposomes encapsulating Niacinamide and Vitamin E as an antioxidant and membrane stabilizer.

PROPERTIES: Also known as vitamin B3, niacinamide is a water-soluble vitamin that works with the skin's natural substances to help visibly minimize enlarged pores, is anti-irritant, reduces spots and homogenizes the skin, helps smooth lines fine lines and wrinkles.

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water (Aqua)	61,400	7732-18-5
Niacinamide	25,000	98-92-0
Hydrogenated Phosphatidylcholine	5,000	97281-48-6
Caprylic/Capric Triglyceride	3,000	73398-61-5/ 65381-09-1
Tocopherol	0,100	59-02-9
Conservantes:		
Propanediol	5,000	504-63-2 / 26264-14-2
Caprylyl Glycol	0,500	1117-86-8

Particle size:	110 – 500 nm (DLS).
Manufacturing method:	Microfluidization.
Net charge of the liposome:	Negative.
Type of liposome:	Oligo-unilamellar.
Color:	White to light yellow
Appearance:	Opalescent liquid. Note: Over time in the fridge it can become creamy.
Odor:	Characteristic.
pH:	5,00 – 7,00 (25°C) (USP XXVII).
Density:	1,000 – 1,080 (pycnometer) (20°C) (USP XXVII).
Dry residue:	30,00 gr % minimum (0,5 gr. 1 hour 110° C).
Microbiological control:	Mesophilic bacteria: less than 100 CFU/gr. Moulds & yeast: less than 20 CFU/gr. No pathogens.
Niacinamide	25% +-2,50% (HPLC determination)

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

EXTERNAL COSMETIC USE