

NANO-PROTECT

Nail Strengthening Nanoemulsion with Keratin

CODE: NANOPROTECT-3

Date of last amendment: 15.12.2022

INCI name: WATER (AQUA) (AND) HYDROLYZED KERATIN (AND) POLYSORBATE 80 (AND) CAPRYLIC/CAPRIC TRIGLYCERIDE (AND) CETYL PALMITATE (AND) SORBITAN STEARATE (AND) PHENOXYETHANOL (AND) EDTA (AND) TOCOPHERYL ACETATE

DESCRIPTION: Nanoemulsion encapsulating high-substantivity hydrolyzed keratin for nails. It also contains vitamin E as an antioxidant and moisturizer.

PROPERTIES: Ideal for protecting and strengthening nails.

COMPOSITION: INCI Name	% (weight)	CAS #
Water (Aqua)	74,700	7732-18-5
Hydrolyzed Keratin	10,000	69430-36-0
Polysorbate 80	5,000	9005-65-6
Caprylic/Capric Triglyceride	5,000	73398-61-5 / 65381-09-1
Cetyl Palmitate	2,000	540-10-3
Sorbitan Stearate	2,000	1338-41-6
EDTA	0,200	60-00-4 / 62-33-9 / 139-33-3 / 6381-92-6
Tocopheryl Acetate	0,100	7695-91-2 / 58-95-7
Conservantes:		
Phenoxyethanol	1,000	122-99-6

Particle size:	100 - 300 nm (D.L.S.)
Manufacturing method:	Microfluidization
Net charge:	Negative
Color:	White to brownish.
Appearance:	Opalescent liquid.
Odor:	Characteristic
pH:	6.00 – 7.50 (USP XXVII) (25° C)
Density:	0.980 – 1.050 (20°C) (USP XXVII) (pycnometer)
Dry Residue:	15 gr % minimum (0.5 g 1 hour 110° C)
Microbiological control:	Mesophilic bacteria: less than 200 CFU/gr. Moulds & yeast: less than 20 CFU/gr. No pathogens.

Note: The product can separate in phases during storage. It is easily homogenized by agitation.
Keep refrigerated (5-15°C). Do not freeze. Protect from light. Shake before use.

EXTERNAL COSMETIC USE