

NANO-PROTECT NAIL STRENGTHENING NANO-EMULSION

CODE: NANOPROTECT-1

Date of last amendment: 23.01.2025

INCI name: WATER (AQUA) (AND) PROPYLENE GLYCOL (AND) POLYSORBATE 80 (AND) CAPRYLIC/CAPRIC TRIGLYCERIDE (AND) CETYL PALMITATE (AND) SORBITAN STEARATE (AND) SODIUM BENZOATE (AND) TOCOPHERYL ACETATE (AND) MELALEUCA ALTERNIFOLIA LEAF OIL (AND) HYDROLYZED SILK (AND) HYDROLYZED SOY PROTEIN (AND) CARBOCYSTEINE (AND) GLUTAMIC ACID (AND) SERINE (AND) THYMINE (AND) EDTA (AND) PHOSPHATIDYLCHOLINE (AND) TOCOPHEROL (AND) ROYAL JELLY (AND) BIOTIN (AND) PHENOXYETHANOL.

DESCRIPTION: Nanoemulsion that provides beneficial ingredients for nail care. Helps to protect and fortify them

PROPERTIES: This carefully selected blend of active ingredients helps to protect and strengthen the nails, while promoting their growth.

COMPOSITION: INCI Name	% (weight)	CAS #
Water (Aqua)	68.180	7732-18-5
Propylene Glycol	10.000	57-55-6
Polysorbate 80	5.000	9005-65-6
Caprylic/Capric Triglyceride	5.000	73398-61-5 / 65381-09-1
Cetyl Palmitate	3.000	540-10-3
Sorbitan Stearate	3.000	1338-41-6
Sodium Benzoate	1.000	532-32-1
Tocopheryl Acetate	0.500	7695-91-2 / 58-95-7
Melaleuca Alternifolia Leaf Oil	0.500	85085-48-9 / 8022-72-8 / 68647-73-4
Hydrolyzed Silk	0.500	96690-41-4
Hydrolyzed Soy Protein	0.500	68607-88-5
Carbocysteine	0.500	638-23-3
Glutamic Acid	0.500	56-86-0
Serine	0.200	302-84-1 / 56-45-1
Thymine	0.200	65-71-4
EDTA	0.200	60-00-4 / 62-33-9 / 139-33-3 / 6381-92-6
Phosphatidylcholine	0.100	8002-43-5
Tocopherol	0.100	10191-41-0
Royal Jelly	0.010	8031-67-2
Biotin	0.010	58-85-5
Preservatives: Phenoxyethanol	1.000	122-99-6

Particle size:	100 - 300 nm (D.L.S.)
Manufacturing method:	Microfluidization
Net charge:	Negative
Color:	White to slightly yellow
Appearance:	Semi translucent to opalescent liquid. Absence of foreign matter.
Odor:	Characteristic
pH:	6.0 0 – 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