

# Nanovec™



## **SPECIFICATIONS TDS**

**FIRMING AND ANTI-STRETCH  
PHYTO-LIPOSOMES**





## FIRMING AND ANTI-STRETCH PHYTO-LIPOSOMES

CODE: ECOLIP-8

Last Revision: 11.07.2023

**INCI name:** WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) BETA-GLUCAN (AND) OLEA EUROPAEA (OLIVE) FRUIT OIL (AND) ROSA MOSCHATA OIL (AND) DAUCUS CAROTA SATIVA SEED OIL (AND) SORBITAN CAPRYLATE (AND) PROPANEDIOL (AND) BENZOIC ACID (AND) TOCOPHEROL.

### DESCRIPTION

Purified phospholipid Phyto-Liposomes from soy lecithin (non-GMO) that encapsulate Oat Beta Glucan, Olive and Rosehip Oils, Carrot Oil and Vitamin E.

### BENEFITS

Skin firming

Anti-Stretch

Moisturizing

Antioxidant

Increase the elasticity

### COMPOSITION (INCI NAME)

#### CAS #

#### % (weight)

Water (Aqua)	80,40	7732-18-5
Phospholipids	10,00	123465-35-0
Beta-Glucan	5,000	26874-89-5
Olea Europaea Fruit Oil	1,000	8001-25-0
Rosa Moschata Oil	1,000	-----
Daucus Carota Sativa Seed Oil	1,000	8015-88-1/84929-61-3
Tocopherol	0,100	59-02-9
<b>Conservantes:</b>		
Sorbitan Caprylate	0,975	60177-36-8
Propanediol	0,300	504-63-2 / 26264-14-2
Benzoic Acid	0,225	65-85-0

**Particle size:** 120 – 500 nm (Dynamic Laser Scattering – DLS)

**Manufacturing method:** Microfluidization

Net charge of the liposome:	Negative
Type of liposome:	Oligo-unilamellar
Color:	White to yellowish
Appearance:	Opalescent liquid. Absence of foreign matter
Odor:	Characteristic, mild
pH:	4,50 – 6,00 (25°C) (USP XXVII)
Density:	0,980 - 1,050 (pycnometer) (20°C) (USP XXVII)
Dry residue:	10,00 gr % minimum (0.5 gr. 1 hour 110° C)
Microbiological control:	Mesophilic aerobes: less than 100 CFU/gr. Moulds & yeast: less than 20 CFU/gr. No pathogens.
Dosage:	1 - 10%
Solubility:	Miscible with water
Application:	<p>ECOLIP-8 is ideal for improving skin moisture and elasticity and helping to eliminate stretch marks. It is also recommended to help eliminate fine wrinkles.</p> <p>Rosa Moschata oil is extracted from the seeds of this species of rose by cold pressing. It has a slight reddish color and a pungent odor characteristic of unrefined oils. Its content in polyunsaturated essential fatty acids (AGE) is very high, with 80%, of which: 41% linoleic acid, 39% linolenic acid, and 16% oleic acid. AGEs are very important nutrients in many physiological and biochemical processes of the human body, related to tissue regeneration and cell growth. Carrot oil improves tissue growth, keeps the skin soft and young, It maintains skin elasticity, prevents dry out and repair skin irritation. For these reasons it is commonly used in the preparation of sun screen and other skin repair products.</p> <p>Phytoliposomes penetrate deeper into the skin, improving the bioavailability of its active ingredients.</p>
Storage:	Keep refrigerated (5 - 15° C), in well-closed containers, protected from light. Shake well before use. Under these conditions, the shelf life of Nanovec liposomes is 2 years.
Packing size:	1 kg, 5 kg, 10 kg, 60 kg Sample size: 50 g

## EXTERNAL COSMETIC USE

