

# Nanovec™



## **SPECIFICATIONS TDS**

DECONGESTIVE PHYTO-LIPOSOMES



**COSMOS APPROVED**



## DECONGESTIVE PHYTO-LIPOSOMES

CODE: ECOLIP-10

Last Revision: 11.07.2023

**INCI Name:** WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) HAMAMELIS VIRGINIANA LEAF EXTRACT (AND) MALVA SYLVESTRIS EXTRACT (AND) TILIA CORDATA EXTRACT (AND) TOCOPHEROL (AND) SORBITAN CAPRYLATE (AND) PROPANEDIOL (AND) BENZOIC ACID.

### DESCRIPTION

Purified phospholipid Phyto-Liposomes from soy lecithin (non-GMO), which encapsulate extracts of Hamamelis, Linden and Malva with decongestant action and vitamin E with antioxidant action. Phyto-Liposomes penetrate deeper into the skin, improving the bioavailability of its active ingredients.

### BENEFITS

Decongestant

Anti-Inflammatory

Moisturizing

Antioxidant

COMPOSITION (INCI NAME)	CAS #	% (weight)
Water (Aqua)	73,475	7732-18-5
Phospholipids	10,000	123465-35-0
Hamamelis Virginiana Leaf Extract	5,000	84696-19-5
Malva Sylvestris Extract	5,000	84082-57-5
Tilia Cordata Extract	5,000	84929-52-2
Tocopherol	0,025	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: 110 – 300 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:	12,00 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>Ideal to be incorporated into products for sensitive or easily irritated skin. Decongests and reduces inflammation and irritation of the skin.</p> <p>Witch hazel contains several antioxidant and anti-inflammatory properties, including gallic acid and tannins. When applied topically to the skin, witch hazel can reduce redness, soothe the skin, and treat sunburns.</p> <p>Because of its anti-inflammatory and antiseptic properties, mallow flower extract is especially helpful for treating acne and skin irritation. Research has shown that it can even help with eczema flare ups, psoriasis, and wound healing. Mallow extract also contains high doses of flavonoids, as well as vitamins C and E.</p> <p>Quercetin, an antioxidant found in Linden tea, has been proven to be effective against inflammation.</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

