

Peptiboost[®] Calm

Description

Peptiboost[®] Calm is first-Aid for the skin. On multifunctional levels it helps to restore the skin balance and prevents neurogenic inflammation. Sensitive skin is prone to subjective symptoms such as heat, tingling, pruritus and tightness, with or without objective signs such as erythema, scales and telangiectasia. Peptiboost[®] Calm is a soothing active ingredient based on *Poria Cocos Sclerotium* extract and biological anti-inflammatory peptides. *Poria cocos* has a rich history of use in traditional Chinese medicine. Most of the scientific research has focused on the anti-cancer and anti-inflammatory activities of constituents found in *Poria cocos*. The active compounds isolated fall into two categories: polysaccharides and triterpenoids. Water extracts of the mycelia and sclerotium contain a series of beta-glucan type polysaccharides with potent anti-tumor and immuno-modulatory activities. Lanostane terpenoids have been shown to have broad anti-inflammatory activity, including potent inhibition of Phospholipase A2, an initial enzyme involved in the inflammatory Arachidonic Acid Cascade. In addition, lanostanes have been shown to inhibit the activity of the inflammatory cytokines TNF- α , IL-1 and IL-6, and to reduce edema.

Peptiboost[®] Calm shows in depth skin healing properties. It is recommended for acute and chronic inflammatory skin conditions, such as atopic and sensitive skin. It is also recommended for products designed to reduce puffiness and redness, and for after-sun products. *Poria* extracts inhibit elastase and thus could be used for firming and prevention of pre-mature aging.

Efficacy

- reduces inflammations
- acts anti-edematous
- acts soothing
- decreases redness
- decreases puffiness
- suitable for sensitive and atopic skin
- helps to repair skin barrier
- acts moisturizing
- rejuvenates the skin

Appearance

clear pale yellow liquid

INCI

Aqua, Glycerin, Dipotassium Glycyrrhizate, *Poria Cocos Sclerotium* Extract, *Portulaca Oleracea* Extract, Palmitoyl Tripeptide-8

Registration

CAS-No.	
Aqua.....	7732-18-5
Glycerin.....	56-81-5
Dipotassium Glycyrrhizate.....	68797-35-3
Caprylyl Glycol.....	117-86-8
Ethylhexylglycerin.....	70445-33-9
<i>Poria Cocos Sclerotium</i> Extract.....	168456-53-9
<i>Portulaca Oleracea</i> Extract.....	90083-07-1
Palmitoyl Tripeptide-8.....	-/-

Nature needs no cosmetics,
but cosmetics need nature



Peptiboost[®] Calm

EC-No.

Aqua.....	231-791-2
Glycerin.....	200-289-5
Dipotassium Glycyrrhizate.....	272-296-1
Caprylyl Glycol.....	214-254-7
Ethylhexylglycerin.....	408-080-2
Poria Cocos Sclerotium Extract.....	-/-
Portulaca Oleracea Extract.....	290-201-1
Palmitoyl Tripeptide-8.....	-/-

Preservatives / Stabilizers

preservative.....	none
stabilizer	
Ethylhexylglycerin, Caprylyl Glycol.....	<= 0.5 %

Characteristics

relative density.....	0.980 - 1030
refractive index.....	1.310 - 1.370
palmitoyl tripeptide-8 (HPLC).....	>= 100 ppm
Glycerin.....	10 - 20 %
Dipotassium Glycyrrhizate.....	0.5 - 2.0 %
Poria Cocos Sclerotium Extract.....	0.05 - 1 %
Portulaca Oleracea Extract.....	0.05 - 1 %

Application

daily cosmetic products
creams and lotions
face masks
gels and ampoules
body care
after sun care
after shave

Application concentration

skin care formulations.....	0.5 - 5 %
dermatological skin care.....	5 - 10 %

Incorporation

Peptiboost[®] Calm is soluble in water.

Toxicology

non hazardous in normal use concentration

Storage & Shelf life

Peptiboost[®] Calm should be stored in a dry and light protected place at 2 - 8°C.

In closed original containers the shelf life is 24 months. At room temperature storage for 12 months.