

## Peptiboost<sup>®</sup> SoothFine

### Description

Peptiboost<sup>®</sup> SoothFine is a water-soluble complex of three potent peptides. It prevents and improves neuropathic inflammation and irritation, such as erythema, swelling, tingling and itching. 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<sup>®</sup> SoothFine reduces skin irritations caused by harmful UV rays, or as result of an overstimulated immune response. Palmitoyl tripeptide-8 with its enhanced permeability, due to its lipophilic tripeptide structure, was shown to effectively relieve skin sensitivity and inflammatory overstimulation. Therefore, Peptiboost<sup>®</sup> SoothFine is suitable for sensitive skin.

Peptiboost<sup>®</sup> SoothFine soothes the skin and improves skin tolerance. Hence, Peptiboost<sup>®</sup> SoothFine can be recommended for acute and chronic inflammatory skin conditions, such as atopic and sensitive skin. It is also recommended for products designed to reduce redness, and for after-sun products.

### Efficacy

- reduces inflammations
- acts anti-edematous
- acts soothing
- decreases redness
- suitable for sensitive and atopic skin
- rejuvenates the skin

### Appearance

colourless clear liquid

### INCI

Aqua, Glycerin, Acetyl Tetrapeptide-2, Palmitoyl Tripeptide-8, sh-Pentapeptide-1

### Registration

CAS-No.

|                             |            |
|-----------------------------|------------|
| Aqua.....                   | 7732-18-5  |
| Glycerin.....               | 56-81-5    |
| Acetyl Tetrapeptide-2.....  | -/-        |
| Palmitoyl Tripeptide-8..... | -/-        |
| sh-Pentapeptide-1.....      | -/-        |
| 1,2-Hexanediol.....         | 6920-22-5  |
| Ethylhexylglycerin.....     | 70445-33-9 |

EC-No.

|                             |           |
|-----------------------------|-----------|
| Aqua.....                   | 231-791-2 |
| Glycerin.....               | 200-289-5 |
| Acetyl Tetrapeptide-2.....  | -/-       |
| Palmitoyl Tripeptide-8..... | -/-       |
| sh-Pentapeptide-1.....      | -/-       |
| 1,2-Hexanediol.....         | 230-029-6 |
| Ethylhexylglycerin.....     | 408-080-2 |



Nature needs no cosmetics,  
but cosmetics need nature

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### Preservatives / Stabilizers

preservative.....none  
stabilizer.....1,2-Hexanediol, Ethylhexylglycerin

### Characteristics

peptide content (HPLC).....>= 300 ppm  
relative density.....1.020 - 1.050  
refractive index.....1.340 - 1.360  
pH-value.....3 - 5  
Glycerin.....15 - 20 %

### Application

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

### Application concentration

skin care formulations.....1 - 10 %

### Incorporation

Peptiboost<sup>®</sup> SoothFine is soluble in water.

### Toxicology

non hazardous in normal use concentration

### Storage & Shelf life

Peptiboost<sup>®</sup> SoothFine 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.