

Peptidox[®] SV L 0.25

Description

Over time, repeated facial muscle movements lead to the appearance of frown lines, laughter lines, and crow's feet. These wrinkles gradually become permanent and deepen, giving the skin a tired look.

Peptidox[®] SV L 0.25 is an innovative tripeptide inspired by the structure of snake venom. The molecular weight of Dipeptide Diaminobutyroyl Benzylamide Diacetate is less than 500 Da.

Acting as a reversible antagonist of the muscular nicotinic acetylcholine receptor (mnAChR), Peptidox[®] SV L 0.25 binds to the epsilon subunit of the receptor, preventing acetylcholine from attaching. As a result, the receptor remains closed, sodium ion (Na⁺) uptake is blocked, and the muscles stay relaxed. This relaxation reduces expression lines and supports a youthful, smooth appearance without invasive procedures.

Efficacy

- anti-aging
- reducing wrinkles by inhibiting muscle contractions

Appearance

clear to slightly opaque,
colourless to yellowish, viscous liquid

INCI

Glycerin, Aqua, Dipeptide Diaminobutyroyl Benzylamide Diacetate

Registration

CAS-No:
Glycerin.....56-81-5
Aqua.....7732-18-5
Dipeptide Diaminobutyroyl Benzylamide
Diacetate.....823202-99-9
Caprylyl Glycol.....1117-86-8
Ethylhexylglycerin.....70445-33-9

EC-No:
Glycerin.....200-289-5
Aqua.....231-791-2
Dipeptide Diaminobutyroyl Benzylamide
Diacetate.....-/-
Caprylyl Glycol.....214-254-7
Ethylhexylglycerin.....408-080-2



Nature needs no cosmetics,
but cosmetics need nature

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Preservatives / Stabilizers

preservative:.....none
stabilizer:
Caprylyl Glycol.....0.1 - 0.5 %
Ethylhexylglycerin.....0.05 - 0.1 %

Characteristics

peptide content.....>= 0.25 %
pH-value.....4 - 6

Application

daily cosmetics
face mask
anti-aging

Application concentration

daily care.....1 - 20 %
intensive care.....20 - 50 %

Incorporation

The ingredient is water-soluble and can be incorporated into the formulation at temperatures below 40 °C.

Toxicology

non hazardous in normal use concentration

Storage & Shelf life

should be stored in original sealed containers at temperature between 2 - 8 °C at a dry and light protected place for 24 months of storage.

Room temperature storage for 12 months.