



Peptidox® Duo L

Description

Peptidox® Duo L features the powerful peptides Acetyl Hexapeptide-8 and Pentapeptide-18, both acting as neurotransmitter inhibitors. They work by interrupting the communication between nerve cells and muscles, effectively reducing expression lines.

These peptides help minimize muscle contractions in the pre-synaptic pathway and modulate the release of acetylcholine (ACh) within the SNARE complex, a protein system responsible for vesicle fusion and neurotransmitter release. By influencing this process, the peptides promote gentle relaxation of facial muscles and a visibly smoother, more youthful appearance.

Efficacy

- reduces wrinkles
- improves skin elasticity
- decreases wrinkle progression

Appearance

colourless transparent liquid

INCI

Aqua, Glycerin, Acetyl Hexapeptide-8, Pentapeptide-18

Registration

CAS-No:

Aqua.....7732-18-5
Glycerin.....56-81-5
Acetyl Hexapeptide-8.....616204-22-9
Pentapeptide-18.....64963-01-5
Caprylyl Glycol.....1117-86-8
Citric Acid.....77-92-9

EC-No:

Aqua.....231-791-2
Glycerin.....200-289-5
Acetyl Hexapeptide-8.....801-648-4
Pentapeptide-18.....-/ -
Caprylyl Glycol.....214-254-7
Citric Acid.....201-069-1



Nature needs no cosmetics,
but cosmetics need nature

Peptidox[®] Duo L

Preservatives / Stabilizers

preservative.....none
stabilizer.....Caprylyl Glycol
.....Citric Acid

Characteristics

pH-value.....3 - 5
content of AH8 (HPLC).....0.04 – 0.06 %
content of PP18 (HPLC).....0.015 – 0.035 %

Application

facial care
body care
eye care

Application concentration

1 - 10 %

Incorporation

Peptidox[®] Duo L should be blended into the water phase below 40 °C.

We recommend to add in the post-production stage.

Toxicology

non hazardous in normal use concentration

Storage & Shelf life

Peptidox[®] Duo L should be stored in original sealed containers at temperature between 2 – 8 °C at a dry and light protected place.

In closed original containers the shelf life is 24 months.