

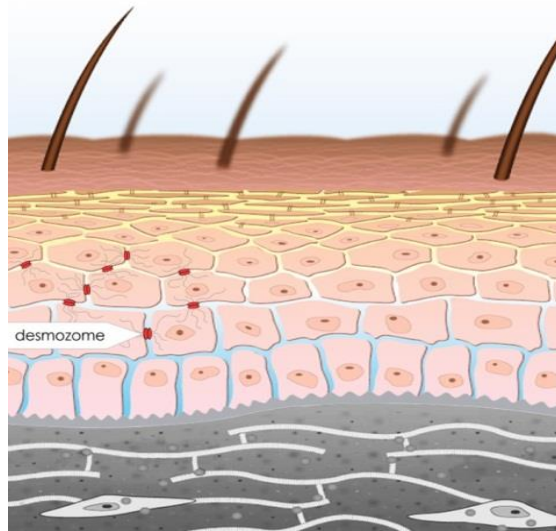
Cellcon

Hexapeptide **improving intercellular junctions**

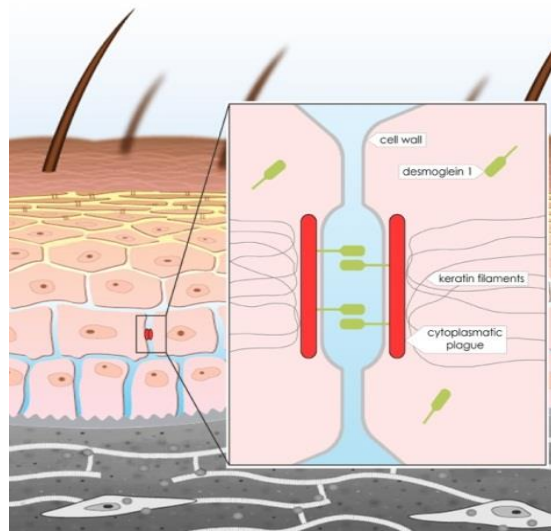
INCI: PHOSPHATE BUFFERED SALINE,
HYALURONIC ACID, SH-HEXAPEPTIDE-1,
PHENOXYETHANOL (OR PHENETHYL ALCOHOL)



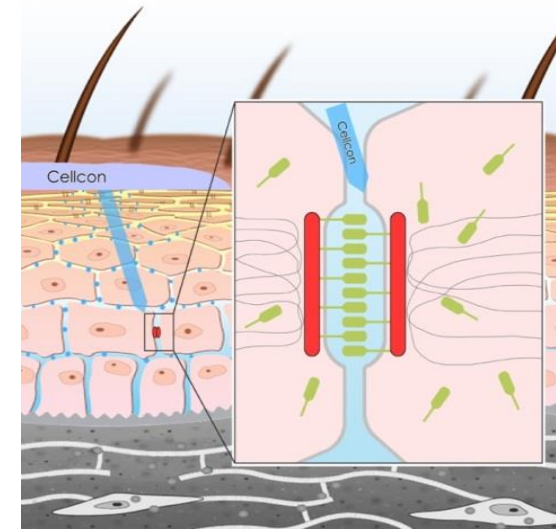
Mechanism of action



Intercellular connection and communication are necessary conditions for proper skin function.



Desmosomes are formed by the main component desmoglein-1



Cellcon's addition to the skin works as a signal for cells to produce higher amount of desmoglein-1.

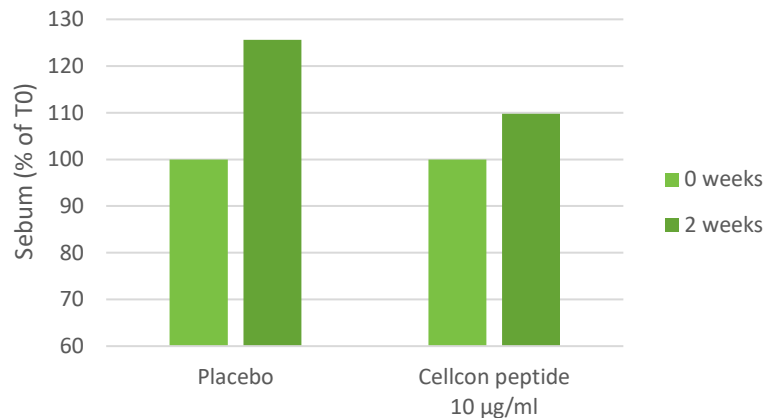


OILINESS

15%

REDUCTION OF SEBUM
PRODUCTION

In vivo study by
Contipro



CEL (1%) in emulsion, face, 13 volunteers.
Sebum content determined by sebumeter
(Courage and Khazaka electronics)

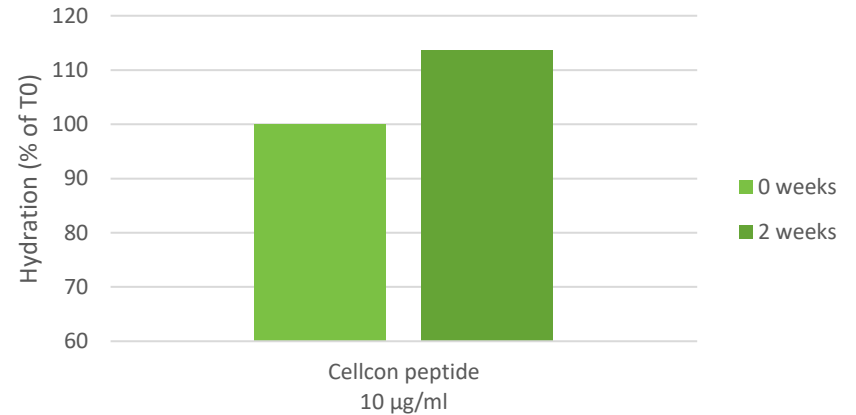


HYDRATION

13%

INCREASE OF
HYDRATION

In vivo study by
Contipro



CEL (1%) in emulsion, face, 13 volunteers.
Hydration determined by CM 825 corneometer
(Courage and Khazaka electronics)

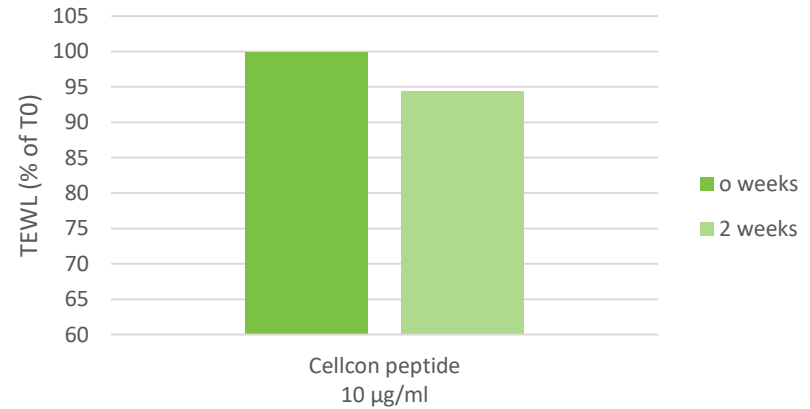


SKIN BARRIER

6%

TEWL REDUCTION

In vivo study by Contipro



CEL (1%) in emulsion, face, 13 volunteers.
TEWL determined by TM300 tewameter
(Courage and Khazaka electronics)

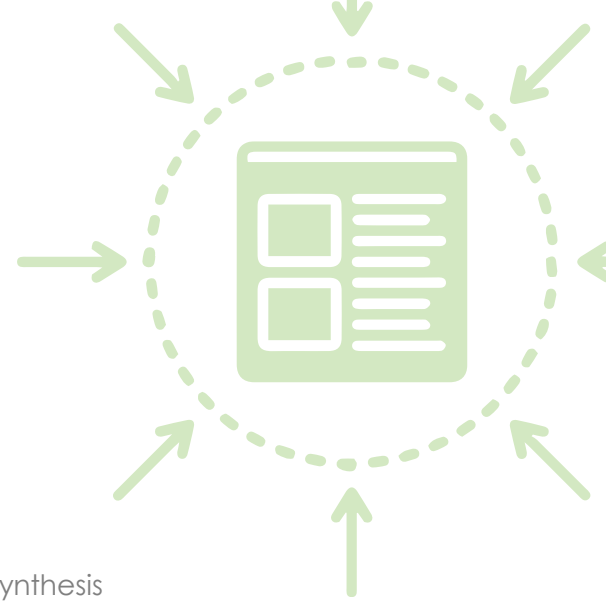
Additional advantages of Cellcon

- * Enhanced epidermal cell connection
- * Hydration and desquamation support ensured by Hyaluronic acid
- * Increased cell metabolic activity
- * Skin elasticity improvement



Cellcon: Collected technical data

- **INCI name:** Phosphate Buffered Saline, Hyaluronic Acid, sh-Hexapeptide-1, Phenoxyethanol (or Phenethyl Alcohol)
- **Supplied form:** solution in phosphate buffered saline (PBS) with HA (0,1% hexapeptide, 1% HA)
- **Preservative:** Phenoxyethanol/Phenethylalcohol
- **Samples:** 1 ml of solution
- **Minimal ordering quantity:** 1 kg
- **Recommended concentration in final products:** 0.01 – 1 % of solution (safety tests up to 1%)
- **Source:** solid phase peptide synthesis
- **Compatibility and processing:** sensitive to heat; sensitive to extreme pH; incompatible with cationic substances, e.g. surfactants or polymeres (polyquarternium-4, polyquarternium-10, etc.)
- **Solubility:** soluble in water; soluble in mixture of ethylalcohol, isopropylalcohol, propyleneglycol and butylen glycol with water up to ratio 1:1; insoluble in non-water miscible solvents
- **Shelf-life:** 12 months



Who We Are

*World leader in research
and manufacturing
of hyaluronic acid.*

*Innovator in biotechnologies
since 1990.*

*Reliable partner of **successful
brands.***



We Are Here to Help You

ZUZANA JENÍKOVÁ

*Technical specialist
for active ingredients*

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