



# PolyFructol Plus

48h hydration and more



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### Natural Health Promoting Moisturizer

PolyFructol Plus is a highly concentrated solution of the plant-based oligosaccharide inulin which is combined with lecithin derived liposomes that efficiently improve skin hydration.

Inulin is a natural sugar extracted from the chicory root that is known as being a great prebiotic ingredient within skincare: it helps to preserve the healthy appearance of the skin by balancing the skin's microbiota. This oligosaccharide keeps the skin nourished and moist.

Placebo-controlled clinical studies have shown that PolyFructol Plus:

- increases the skin hydration after only a single application in a shower product formulation and hydrates the skin, even after rinsing
- protects the skin from repeated washing stress by improving skin moisture, firmness, smoothness, and elasticity
- significantly improves the skin barrier, moisturization, firmness, elasticity, and smoothness in a long-lasting manner, even two days after treatment has been stopped.

PolyFructol Plus is therefore an ideal addition to moisturizing leave-on as well as rinse-off formulations.

### PolyFructol Plus

- Immediately and deeply rehydrates dry skin
- Enhances skin elasticity and firmness
- Protects and regenerates the skin barrier
- Even works in rinse-off products

### Applications

- Hydrating shower gels
- Moisturizing replenishing face care
- Barrier protection cream
- Body care

### Formulating with PolyFructol Plus

- Recommended use level: 0.1 – 5 %
- Incorporation: For cold processes, dissolve PolyFructol Plus into the aqueous phase. In hot/cold processes, add during the cooling phase below 40 °C.
- Thermostability: Temperatures of up to 40 °C for a short time will not affect the stability of PolyFructol Plus.

### INCI (EU/PCPC) Declaration

PolyFructol Plus (standard version): Inulin (and) Glycerin (and) Phenoxyethanol (and) Lecithin (and) Xanthan Gum (and) Aqua/Water

PolyFructol Plus oP (version without phenoxyethanol): Inulin (and) Glycerin (and) Methylpropanediol (and) Caprylyl Glycol (and) Phenylpropanol (and) Lecithin (and) Xanthan Gum (and) Aqua/Water

### Additional Information

- Without alcohol



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### Applications

- Hydrating shower gels
- Intensive moisturizing face care
- Barrier protection cream
- Hydrating body care

### Marketing benefits

- Positive effect after a single application
- Plant based
- Version without phenoxyethanol available
- Free logo available



### Innovating for your success

Mibelle Biochemistry designs and develops innovative, high-quality actives based on naturally derived compounds and profound scientific know-how. Inspired by nature – Realized by science.

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