

HydroComplex

Specification Sheet

Description: Blend of different moisturizing agents including low molecular weight moisturizers and humectants that mimic the natural moisture factor (NMF) in the skin.

CAS: 7732-18-5, 5343-92-0, 56-81-5, 57-48-7, 57-13-6, 5949-29-1, 77-92-9, 1310-73-2

INCI Name: Water, Pentylene Glycol, Glycerin, Fructose, Urea, Citric Acid, Sodium Hydroxide

Composition: Water, Pentylene Glycol, Glycerin, Fructose, Urea, Citric Acid, Sodium Hydroxide, Maltose, Sodium PCA, Sodium Chloride, Sodium Lactate, Trehalose, Allantoin, Sodium Hyaluronate, Glucose

Appearance: Clear colorless liquid, odorless.

Benefits:

- Restores the moisture content of the skin and enhance the water retention capacity of the skin itself.
- Provides long-term moisturization (in clinical studies skin stayed moisturized for up to 72h).
- Creates a moisture reservoir.
- Suitable for skin and hair care products.

Use: Add as is to the water phase of the formulas below 60°C/140°F. Typical use level 1-5% for skin care products. For external use only.

Applications: All kinds of skin and hair care products such as creams, gels, lotions, and hair treatments.

Solubility: Water-soluble

Preservation: Sodium hydroxide

Storage: Store in a closed container at a dry place at room temperature.

Country of Origin: Germany and Singapore

Raw material source: Various natural components

Manufacture: Proprietary blend of multiple highly effective humectant agents of various structure and origin.

Animal Testing: Not animal tested.



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GMO: GMO-free

Vegan: Does not contain animal-derived components.

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