

Polyhydroxy Acid Honey

Specification Sheet

Description: Polyhydroxy Acid (PHA) blend in glycerin and enhanced with honey, is a progressive exfoliator that is kind to the skin. It is milder than glycolic acid but with the restoring benefits of hydroxy acids. Just like alpha hydro acids (AHA's), this product is an effective keratolytic, that refines the stratum cornea via a calcium ion chelation process, strengthening the epidermis by boosting cellular cohesion, and redensify the dermis via their action on hyaluronic acid and collagen synthesis.

Due to the larger molecular size structure, with multiple hydroxy groups, means that their action is more progressive and have a substantial capacity to retain water and an antioxidant effect similar to that of vitamin E and C. The concentration of PHA is 23-27%.

CAS: 7732-18-5, 56-81-5, 90-80-2, 8028-66-8, 96-82-2.

INCI Name: Water, Glycerin, Gluconolactone, Honey, Lactobionic acid.

Composition: Water, Glycerin, Gluconolactone, Honey, Lactobionic acid.

Appearance: Transparent to slightly cloudy liquid. Pale yellow to light brown in color.

pH Value: 1.5-2.5

Benefits:

- All-round hydroxy acid for progressive exfoliation
- Locally produced honey from Spain
- Induces renewal of a skin cell layer
- Increases the moisturizing level of the skin which improves the flexibility of the upper skin layer
- Alternative to glycolic acid

Use: Recommended use levels are 20% concentration for exfoliation and 5-10% for hydration. For external Use only.

Applications: Skin exfoliating cleansers, peels, creams and serums.

Solubility: Soluble in water solutions

Preservation: Preservative free

Storage: Store at room temperature in a closed container and light protected

Country of Origin: Spain

Raw material source: Maize glucose and lactose fermentation

Manufacture: Biotechnological Polyhydroxy Acids obtained from maize glucose and lactose fermentation processes, and locally produced multi-flower honey from the Albera Natural Park (Spain).

Animal Testing: Not animal tested

GMO: GMO-free

Vegan: Contains honey

HS Code: 2101202000