## **Potassium Azeloyl Diglycinate**

Potassium Azeloyl Diglycinate is a new derivative of Azelaic Acid, made from the reaction of Azelaic Acid and glycine. It is amphipathic, completely soluble in water, highly active in low concentration, extremely stable and it has strong whitening capacity, good compatibility and sebum normalizing effect. In addition, the glycine group makes it very exceptional in moisturizing and skin elasticity improvement. A large number of tests show That its water solubility, stability, compatibility, safety and nonirritant enable cosmetics formulators to bring into full play its biological effect.

CAS No.: 477773-67-4

MW: 378.24 MF: C<sub>13</sub>H<sub>20</sub>N<sub>2</sub>O<sub>6</sub>K<sub>2</sub>

## **Function:**

Depresses the secretion of sebum and removes acne;

Whiten skin by competitively inhibiting the activity oftyrosinase;

Enhances the skin's ability to retain moisture, improves skin elasticity.

## **Application:**

Sebum regulating agents, whitening agents, moisturizing agents. Suitable to acne products, skin

Lightening products, moisturizing products, suitable to lotion, gel, essence, emulsion, cream, etc.

Add: Rm#2107, Block A, Epin Meidao Building, Gaoxin Rd, Hi-Tech Zone, Xi'an, China Tel:+86-29-88764861 Fax:+86-29-88764861 Email:nutraii@yahoo.com

Web: www.nutraii.com

**Spec sheet:** 

Arsenic

Items	Specification
Appearance	Transparent liquid, colorless to light yellow
Odor	Almost odorless
pH value	6.5-8.0
Solid content	28.0-32.0%
Density	1.130-1.170 g/cm <sup>3</sup>
Total bacteria	< 100cfu/g
Heavy metals	< 10ppm

< 2ppm

**Usage**:  $2.0 \sim 8.0\%$ . Suitable to acne, whitening and moisturizing products. Adding method: Put into the aqueous phase directly, resists high temperature, can involve in homogenizing process. Package: 10.0 kg/plastic drum. Storage: Stored in sealed receptacles at room temperature, away from the light. Two-year validity.

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