



## Potassium Azelaoyl Diglycinate

ExperChem

Chemical Name: -N-N-(1,9-dioxo-1,9-nonaediyl)bis-Glycine, monopotassium salt

INCI Name: Potassium Azelaoyl Diglycinae

CAS 477773-67-4

Application: Cosmetic

Packaging: in bottles/drums

Filling Quantity: 1 kg/bag, 5 kg/bag

Shelf life: up to 2 years, not opened

Storage conditions: dry and cool unopened

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Kosmetik-Rohstoffe von Experten



## Product Specification Potassium Azelaoyl Diglycinate

Test	Specification	Batch 20200109
Appearance	colorless or light yellow transparent liquid	conforms
<b>Identification</b>		
Molecular weight	341,43 g/mol	
Molecular formular	C23H22N2O6 . K	
<b>Properties</b>		
pH	6.5-7.5	6.96
Purity	28-32%	28.45 %
Density (20°C)	1.1-1.7	1.115
Total Plate count	< 500 cfu/g	conforms
Yeast & Mold	< 100 cfu/g	conforms
Mercury	< 1 ppm	conforms
Arsenic	< 10 ppm	conforms
Lead	< 40 ppm	conforms



Product Description

## Potassium Azelaoyl Diglycinate

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### Main properties in applications

- Whitening
- Sebum regulating

Azelaic acid has a long history in cosmetics. It has the effect of inhibiting excessive secretion of oil, acne and skin whitening. However, due to its poor solubility, easy change color and poor compatibility, it is very restricted in cosmetics.

Potassium Azeloyl Diglycinate is a new type azelaic acid derivative with higher solubility in water, less dosage, better effects of whitening and controlling the secretion of sebum. A lot of experiments indicate that Potassium Azeloyl Diglycinate is a safe, high effective and multi-functional cosmetic ingredient.