Hydrolyzed Keratin Powder

CAS No.	EINECS No.	UN No.	Molecular Formula / Product Type
69430-36-0	/	/	Protein preparation

Product Description

Water-soluble hydrolyzed keratin powder from chicken / duck feathers for cosmetic conditioning formulations.

Specifications

Parameter	Specification
Appearance	White to light yellow powder
Odour	Characteristic
Impurity	No visible exogenous impurity
Nitrogen content	>= 14.5%
Dry residue	>= 90%
Ash content	<= 4.0%
pH (10% aqueous solution)	4.5-7.0
Lead (Pb)	<= 1.0 ppm
Arsenic (As)	<= 1.0 ppm
Mercury (Hg)	<= 0.1 ppm
Total bacteria	<1000 cfu/g
Moulds and yeasts	<50 cfu/g
Harmful bacteria	Negative

Typical Properties / Use Guidance

Property / Guidance	Typical Value
INCI / composition	Hydrolyzed Keratin, 100% ingredient identity (not a purity or dry-residue assay). Source: chicken / duck feather.
Use guidance	Shampoo 0.1%-2%; conditioner 0.2%-4%; colouring pretreatment 0.2%-4%; perming pretreatment 0.2%-5%.

Applications

- Shampoos, conditioners, masks and colouring/perming pretreatments.
- Beard, pet-hair and nail-care formulations.

Packaging and Storage

Packaging	10 kg; PE and aluminium-foil inner bag, outer carton.
Storage	Keep sealed, cool, dry and ventilated at <=26 °C, away from heat, ignition sources and oxidizers. Shelf life: 2 years.

Safety and Regulatory

Professional cosmetic use. Read the SDS; unestablished hazard and transport entries require confirmation.

Company Contact

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The information is provided in good faith for professional evaluation. Specifications apply to the stated commercial grade; users must confirm suitability, regulatory compliance and safe handling for their intended application.