CREATIVE BIOMART®
Cosmetic Ingredients

Keratin Protein, Hydrolyzed

Product Information

Cat

COS-080

Product Name

Keratin Protein, Hydrolyzed

Appearance

White to light-yellow powder

Storage

Store in refrigerator.

size

1kg

CAS

69430-36-0, 107-88-0, 122-99-6, 70445-33-9

Solubility

Soluble in water.

Description

Sheep-wool derived, hydrolyzed alpha-keratin protein carefully monitored during its manufacture to ensure the lowest possible odor and a low ash. Keratin is a highly specialized fibrous protein, which is found in hair, feathers, wool and nails. Keratin is distinct from other proteins in that it is rich in cysteine (a sulfur-containing amino acid) giving keratin a unique strength and protective quality. Derived from sheep's wool. pH value: 5.0-5.8. Contains 20-23% of protein. Molecular weight: 1,100-3,300 Da. Preserved with butylene glycol, phenoxyethanol, and ethylhexylglycerin. Clear amber liquid. Characteristic odor. Soluble in water.

INCI Name

Hydrolyzed keratin protein, butylene glycol, phenoxyethanol, ethylhexylglycerin

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Benefits

Revitalizes the hairs natural protective layer and rebuilds tensile strength
Returns elasticity and reduces breakage
Reduces hair damage from harsh chemicals
Acts also as a protective care substance on the skin

Use

Can be added to formulas as is; add to water-phase of formula. Recommended use level: 1-5%. For external use only.

Applications

All kinds of hair care products including shampoos, hair conditioners, hair balms, hair pomades and also skin care products including lotions and creams.

Raw material source

Sheep wool

Manufacture

Hydrolyzed keratin protein is made by creating an alkaline solution with washed and degreased sheep wool and then adding a blend of proteases to induce enzymatic hydrolyzation. After enzyme inactivation the solution is purified and filtered.

Animal Testing

Not animal tested

GMO

GMO free. Gluten-free.

Vegan

Does not contain animal derived components

Source

Sheep-wool

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