



Safety Statement

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Product Name: AC Keratin Hydrolysate 30 PF

Code: 20586PF

INCI Name: Hydrolyzed Keratin

AC Keratin Hydrolysate 30 PF is manufactured by enzymatic hydrolysis of keratin. The hydrolyzed keratin is then filtered.

The Cosmetic Ingredient Review (CIR) conducted a safety assessment of plant- and animal-derived amino acids as used in cosmetics. Since the keratin in AC Keratin Hydrolysate 30 PF is hydrolyzed, its composition is comprised of amino acids, so this safety assessment is applicable to the product in question.

The conclusion of the safety assessment was that all of the amino acids tested, including keratin amino acids, are safe as currently used in cosmetics. This conclusion was based on irritation, sensitization, toxicology, and phototoxicity studies.¹

AC Keratin Hydrolysate 30 PF was tested using *in vitro* dermal and ocular irritation models. This product was found to be non-irritating in both models. The full report is attached for reference.

The above information supports the safety of AC Keratin Hydrolysate 30 PF in cosmetic applications at use levels of 1.0 – 5.0%. No further testing is required at this time.

1. "Safety Assessment of Animal- and Plant-Derived Amino Acids as Used in Cosmetics". Cosmetic Ingredient Review. <http://online.personalcarecouncil.org/ctfa-static/online/lists/cir-pdfs/FR625.pdf>