



## Safety Statement

info@activeconceptsllc.com • Phone: +1-704-276-7100 • Fax: +1-704-276-7101

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Product Name: AC Cashmere Protein PF

Code: 20584PF

INCI Name: Hydrolyzed Wool

AC Cashmere Protein PF is manufactured by enzymatic hydrolysis of wool (cashmere), then filtration.

Hydrolyzed wool, as used in this product, is a protein hydrolysate. The Cosmetic Ingredient Review (CIR) published a report which included the safety of multiple protein hydrolysates as used in cosmetics. Ocular and dermal irritation studies showed that hydrolyzed proteins of various origins are both non-irritating and non-sensitizing. Most hydrolyzed proteins are also found in the foods we consume daily.<sup>1</sup> Therefore, it may also be classified as Generally Recognized as Safe (GRAS) according to the FDA's Federal Food, Drug and Cosmetic Act.<sup>2</sup>

The act states:

Any substance that is intentionally added to food is a food additive, that is subject to premarket review and approval by FDA, unless the substance is generally recognized, among qualified experts, as having been adequately shown to be safe under the conditions of its intended use, or unless the use of the substance is otherwise excluded from the definition of a food additive.<sup>2</sup>

AC Cashmere Protein 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 Cashmere Protein PF in cosmetic applications at use levels of 2.0 – 5.0%. No further testing is required at this time.

1. "Hydrolyzed Source Proteins as Used in Cosmetics" Cosmetic Ingredient Review. <http://www.cir-safety.org/sites/default/files/hprtns052012slr.pdf>
2. Federal Food, Drug and Cosmetic Act. U.S Food and Drug Administration. [www.fda.gov](http://www.fda.gov).

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