



Safety Statement

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Product Name: Phytofuse Renew[®]

Code: 16586

INCI Name: Selaginella Lepidophylla Extract

Phytofuse Renew[®] is manufactured by mechanical grinding and/or milling of *Selaginella lepidophylla*. The processed plant is then extracted in water under controlled conditions.

There are few published reports concerning the safety of *Selaginella lepidophylla*. However, the plant was used in traditional Mexican medicines, most commonly in tea preparations.¹ Therefore it has been considered safe for use by humans for many years.

Selaginella lepidophylla is not listed on common toxic plant databases, including Poisonous Plants of North Carolina, Cornell University Plants Poisonous to Livestock, University of Pennsylvania Poisonous Plants, and Texas Toxic Plant Database.

Phytofuse Renew[®] was tested for its effect on cell viability and metabolism. The study found that application of Phytofuse Renew[®] increased viability and metabolism rate of the cell. It was not toxic to the cells.

Phytofuse Renew[®] 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 Phytofuse Renew[®] in cosmetic applications at use levels of 1.0 – 10.0%. No further testing is required at this time.

1. "Plants Used in Mexican Traditional Medicine". Armando Gonzales Stuart, PhD.
<http://www.herbalsafety.utep.edu/presentations/pptpresentations/Plants%20Used%20in%20Mexican%20Traditional%20Medicine-July%2004.pdf>