



Safety Statement

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Product Name: ABS Pomegranate Sterols

Code: 10247

INCI Name: Punica Granatum Sterols

ABS Pomegranate Sterols is manufactured by first heat sterilizing *Punica granatum* at 100°C. The oil from the pomegranate seed is then fractionated to isolate the fraction rich in sterols.

The Cosmetic Ingredient Review (CIR) analyzed the safety of phytosterols as used in cosmetics, including *Punica granatum* (pomegranate) sterols. Pomegranate sterols, tested using a Neutral Red Cytotoxicity assay, were not cytotoxic to cells. The phytosterol class as a whole tested negative for genotoxicity and were not irritating to scarified skin in a repeat irritation assay. Pomegranate sterols were determined to be non-irritants in both the dermal and ocular category, and there were no signs of sensitization or irritation in a human repeat insult patch test (HRIPT).¹

ABS Pomegranate Sterols 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 ABS Pomegranate Sterols in cosmetic applications at use levels of 0.5-5.0%. No further testing is required at this time.

1. "Safety Assessment of Phytosterols as Used in Cosmetics". Cosmetic Ingredient Review. <http://online.personalcarecouncil.org/ctfa-static/online/lists/cir-pdfs/FR651.pdf>