

Fision Skin Light | Fision Skin Light is a multifunctional blend of skin-whitening agents in a concentrated liquid. The use of a multi-active skin-whitening agent allows for more effective control of hyperpigmentation as opposed to using higher concentrations of a single active. Fision Skin Light has been designed for ease of formulation and maximum efficacy.



Fision Skin Light attacks the problem of hyperpigmentation at three main levels. First, it exfoliates the highly pigmented stratum corneum. This allows for the effective delivery of other actives to the deeper layers of the skin, while leaving the skin feeling softer and smoother.

Most important is the prevention of melanin synthesis in the newly formed skin by using a synergistic blend of tyrosinase inhibitors. Kojic Acid acts by chelating the copper contained in tyrosinase, rendering it useless. Bearberry leaves contain arbutin, preventing melanin synthesis by competitive inhibition. Morus root acts to deactivate the melanocyte itself.

Finally, one has to counteract the main trigger of melanin synthesis — irritation caused by UV exposure. Licorice extract contains glycyrrhizin, a powerful anti-irritant that helps to prevent the erythema that triggers the chain of reactions that lead to the production of melanin.

When used in formulations at 5% or more, this blend will be effective in depigmentation of the skin. Used at levels below 5%, Fision Skin Light will effectively complement an existing skin-whitening formulation. The pH of the final formulation should be between 3.5 and 4.0. Kemira recommends the use of sunscreens with any skin-lightening formulations.