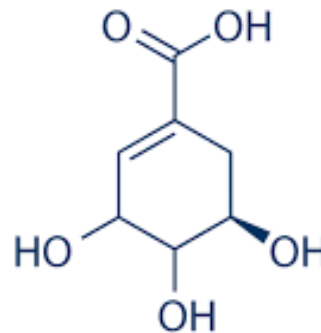


Technical Datasheet

Product Name:	Cetpro SKA
INCI:	Shikimic Acid
CAS No.	138-59-0
Appearance:	White powder
Active content:	100%



INTRODUCTION

Shikimic acid (SKA) is a naturally derived product from star anise. The name is derived from the Japanese name shikimic (flower) of *Illicium verum* (star anise), from which the acid is obtained. Shikimic acid belongs to the AHA group of acids, and has excellent exfoliating properties without causing irritation. It has an impressive list of attributes that elevates it to a star ingredient in cosmetics – thanks to its anti-inflammatory, antioxidant, skin brightening, exfoliating, anti-microbial, anti-acne, anti-dandruff, and deo-active properties. It enhances peeling capacity through stratum corneum hydration increase & exhibits full compatibility with water phase ingredients.

BENEFITS

EXFOLIATING – In one study, 5% SKA was compared to 50% Glycolic acid concentration and the results were similar. SKA can be a great replacement for those who are sensitive to glycolic acid.

ANTI-MICROBIAL - In another study, SKA at 1-2% was able to inhibit *Propionibacterium acnes*. And in concentrations above 5%, SKA was also able to inhibit the growth of *Malassezia furfur*.

ANTI-OXIDANT - SKA displayed very strong anti-oxidant properties with a concentration as low as 0.5%

SKIN-LIGHTENING - SKA is a potent tyrosinase inhibitor with no irritation.

MOISTURISATION – In one study SKA also showed a significant increase in moisture content in the stratum corneum after 1 hour of application, which led to a reduction in stratum corneum thickness. SKA does this by getting rid of the dead cells of the stratum corneum much in the same way glycolic acid does.

DEODORISATION - 1% of SKA was also found to be effective as a deodorant.

Recommended dosage: 1 - 5%

STORAGE: Store in a cool, dry place away from direct sunlight

VERSION NUMBER & DATE: Version number: 1.0 Issue date: March 1st 2022

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