

SAPONIN+®

INCI: *Camellia Oleifera* seed extract

KEY PROPERTIES

SAPONIN+ is a 100% natural, plant-based powder derived from the residue of *Camellia oleifera* seeds after oil extraction. This upcycled ingredient offers powerful surfactant properties, making it an excellent alternative to traditional synthetic SLA or SLS surfactants in cosmetic formulations. With over 60% saponin content, SAPONIN+ provides foaming, cleansing, and antimicrobial benefits, making it ideal for a wide range of personal care products. Its ability to produce a generous, stable foam ensures a luxurious sensory experience, while its natural antimicrobial properties enhance the safety and effectiveness of the formulations.

EFFICACY TESTS

Figure: Classical surfactant agent on the left. SAPONIN+ on the right.



Image: T0 - test tubes has just been shaken. Foam appears on both tubes



Image: After 10 minutes. Foam is still the same on SAPONIN+ test tube while foam disappears on classical surfactant agent tube

SOCRI

LESSONIA
cosmetics + ingredients

UPCYCLED NATURAL AND PLANT ALTERNATIVE TO SURFACTANTS

- **Foaming Test:** Saponin+ performs comparably to standard surfactants, maintaining foam stability over time.
- **Antimicrobial Activity:** Studies show significant inhibitory activity against bacteria and fungi, with results comparable to gentamicin (against bacteria) and potassium sorbate (against fungi).

APPLICATIONS

Powder cleansers, Micellar water, Shower gels and shampoos, Toothpaste and mouthwash, Cleansing pastes

% OF USE

1 %

Formulation tips: Easily dispersible in water; both hot and cold processable. Effective in a wide range of pH, compatible with most cosmetic ingredients.

TECHNICAL DATA

APPEARANCE	POWDER
COLOUR	BEIGE
FRAGRANCE	CHARACTERISTIC
SAPONIN CONTENT	> 60 %
NATURALITY INDEX	1 (ISO 16 128)



FOAMING

CLEANSING

ANTIMICROBIAL



100% natural

COSMOS compliant

OK China

Actives