

ALTER-EMULFABA®

INCI: Acacia senegal gum, Sclerotium gum, Hydrolyzed cicer seed extract

KEY PROPERTIES

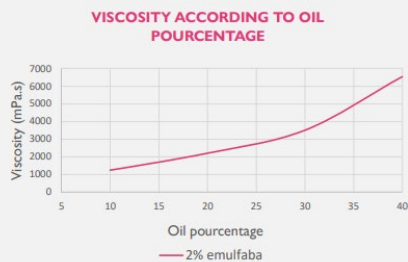
ALTER-EMULFABA is a 100% natural powdered emulsifier derived from plant extracts and gums, offering a surfactant-free alternative for cosmetic formulations.

It is created from the combination of aquafaba powder (chickpeas cooking water), acacia gum (from the Acacia senegal tree's resin), and sclerotium gum (from the Sclerotium rolfssii mushroom).

Unlike traditional surfactants, ALTER-EMULFABA allows for the formulation of stable white emulsions without impacting the fragrance profile. It provides a velvety, smooth finish with a non-greasy, non-tacky texture, making it ideal for products that require a light, silky feel on the skin.

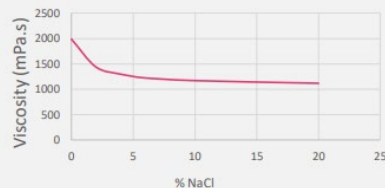
EFFICACY TESTS

THICKENING CAPACITY



ALTER-EMULFABA can emulsify media containing some electrolytes.

THICKENING EFFECT IN THE PRESENCE OF ELECTROLYTES



Graph n°3 : viscosity of a 2% ALTER-EMULFABA and 10% oil according to the quantity of electrolytes. % NaCl used.

EMULSIFIER WITHOUT SURFACTANT FOR EMULSIONS WITH A VELVETY FEELING

TEXTURE	COMPOSITION <small>Stability tested for 1 month at 50°C</small>	RESULTS	SENSORIAL PROFIL
	2% ALTER-EMULFABA 10% Sunflower plant oil 87.44% Demineralized water QSP Preservatives	Fluid cream, soft and evanescent touch with «Silicone-like» effect. It doesn't soap and doesn't fluff up.	
	4% ALTER-EMULFABA 20% Sunflower plant oil 77.44% Demineralized water QSP Preservatives	An unctuous texture that melts upon application. It doesn't soap.	

APPLICATIONS

Ideal for skincare and body care products that require a light, silky feel on the skin

% OF USE

2 - 5%

Usage: Hot emulsification (75-80°C) in aqueous phase.

Formulation tips:

At 2%, from 10% to 20% vegetable oil can be incorporated.

Very good emulsion's stability in a wide range of pH.

TECHNICAL DATA

APPEARANCE	POWDER
COLOUR	OFF-WHITE
FRAGRANCE	NONE
NATURALITY INDEX	1 (ISO 16 128)



SILKY FEEL

HIGH STABILITY

VERSATILITY

100% natural

COSMOS compliant

OK China



SOCRI

LESSONIA
cosmetics + ingredients

Alter-Powders