

Anti-acneic Active Ingredient



Specifications

Function: antiradical, antioxidant, vasoconstrictor- anti-acneic active ingredient

INCI name: Bentonite & Lannea microcarpa fruit extract

Available forms: superfine powder preservative-free

Incorporation rate: 0,7% - 2%

Origin: natural

Color: beige

Odor: characteristic

pH: 10 – 12 (in water solution at 10% at 20°C)

Solubility: hydrodispersible / lipodispersible

No territorial restrictions known

Tolerance

- Test: skin tolerance (Patch Test) – 1%
Result: non-irritant
- Test: eye irritation (method of release with neutral red on a monolayer of cornea fibroblasts) – 0,5%
Result: insignificant cytotoxicity (eye irritation potential)
- Test: phototoxicity (In vitro 3TR NRU)
Result: non-phototoxic
- Test: mutagenicity (Ames Test)
Result: non-mutagenic

Storage conditions

Keep container tightly closed in dry and well-ventilated place

Formulation

How to use:

Better dispersion is achieved mixing the active ingredient into the oil phase.

Sensiteam Be: Moisturizing Cream against pimples and dark spots

PHASES	Provider	INGREDIENTS	%
A		Water	Qs p
B	Ephyla	Frametime CXG	4,5
B	Ephyla	Sensiteam Be	1
B	Cargill	Xanthan Gum	0,2 5
B	Basf	Sodium stearyl glutamate	0,2 5
B	Ephyla	Desert date oil	15
B	Ephyla	HT R1	1
B	Basf	Tocopherol mixed	0,2
A	Ephyla	G Crajirù Extract	2
B	Robertet	Perfume	0.3
B	Robertet	Tea tree essential oil	0,2
A		Preservatives	Qs

pH 5,5

Protocole :

Cold process / At room temperature mix the B phase, the add the A phase with a high shear system (3000-4000 rpm) during 4 minutes (laboratory bench) 12 minutes for real production