Pronalen Sensitive Skin

Active plant ingredient for sensitive and irritated skin

Sensitive skin

Pronalen sensitive skin

Pronalen Sensitive Skin is a cosmetic plant complex composed of lady's thistle (titrated with silymarin) and tulsi (titrated with ursolic acid) aimed at relieving skin irritation and inflammation caused by sunlight, detergents, physical agents, etc.

Features and benefits

Pronalen Sensitive Skin protects membranes from free radicals-induced damage by inhibiting enzyme cyclooxygenase and prostaglandin synthesis, thus providing anti-irritant and anti-inflammatory effects.

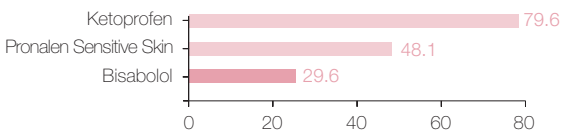
Pronalen Sensitive Skin reduces erythema by 25.5%.

In Vitro

Anti-irritant effect

- Modified Het-Cam assay.
- Irritation of the chorioallantoic membrane was induced by Sodium Lauryl Sulfate (SLS).

• % irritation reduction

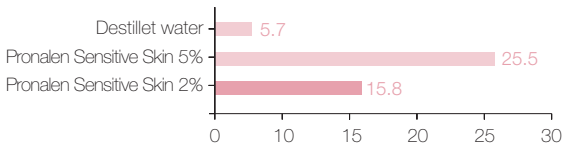


In Vivo

Protection against irritation (%)

Methyl nicotinate-induced chemical stress on the inner forearms of 10 volunteers and subsequent treatment with 2% and 5% solutions of Pronalen Sensitive Skin.

• % irritation reduction



Cosmetic applications

Pronalen Sensitive Skin is suitable to formulate cosmetic products for the prevention or reduction of the biochemical processes that trigger skin irritation.

Toxicological information

This product has been evaluated according to the available toxicological information, based on safety assays and bibliographical data. These data allow the conclusion that using this ingredient, under the normal conditions for the use of cosmetics and at the recommended concentrations, is free of risks.

Technical specifications

• *Pronalen sensitive skin 75700*

PROPERTIES	Anti-irritant Free radical scavenger Soothing Protects from environmental damage	
ACTIVE MOLECULES	Ursolic acid Silymarin	
APPEARANCE	Liquid Brown	
SOLUBILITY	Soluble in aqueous solutions	
RECOMMENDED DOSE	Sensitive Skin treatments Baby products Aftersun products Liquid soap	2-5% 2-5% 2-5% 2-5%

Formulation

• *Sensitive skin aftersun*

	INCI / PCPC	% (w/w)
A	PEG100 Stearate, Glyceryl Stearate	4.00
	Paraffinum Liquidum (Mineral Oil)	8.00
	BHT	0.10
	Ethylhexyl Cocoate	5.00
	Cetyl Alcohol	0.30
B	Aqua (Water)	62.15
	Acrylates C10-30 Alkyl Acrylate Crosspolymer	0.40
	Glycerin	2.00
	Disodium EDTA	0.10
	Triethanolamine	0.05
	Dimethicone	1.00
C	**Aloe Vera extract**	1.00
	PRONALENT SENSITIVE SKIN	**5.00**
D	Menthol	0.10
	Alcohol Denat.	10.00
	Parfum (Fragrance)	0.30
	Phenoxyethanol	0.50

PROVITAL GROUP
natural efficacy

provitalgroup.com