



Kalichem  
Italia s.r.l.

# ANTIDERM

## *De-reddening and soothing for dermatitis and skin with atopic tendencies*

*Effective emollient and protective action, with a significant soothing effect, thanks to the reduction of inflammatory processes.*

*Irritated and reddened skin, itchy, sensitive and dry skin (elderly)*

*Delicate skin (children)*

*Atopic and aspecific dermatitis*

*Skin with atopic tendencies*

*Damage caused by exogenous factors: excessive solar exposure,  
nappy dermatitis, frequent contact with detergents.*

### DESCRIPTION



while facilitating the healing process and increasing tensile strength.

ANTIDERM is the ideal ingredient for skin which is low in lipids, and as a protective measure against irritating external agents. Its natural anti-inflammatory power makes this product effective against atopic dermatitis and helps in maintaining the cutis smooth and hydrated. It also reduces the itching often connected with easily irritated skin. ANTIDERM contains sesquiterpens, diterpens and terpenic acids which have anti-inflammatory and redness reducing properties,

### PROPERTIES



process; it is also indicated as a cure to itching caused by the decrease of the physiological lipidic fraction following plastic surgery treatments. ANTIDERM can easily be added to various personal hygiene cosmetic formulations: liquid detergents, bath emulsions, hydrating creams, cooling gels etc...

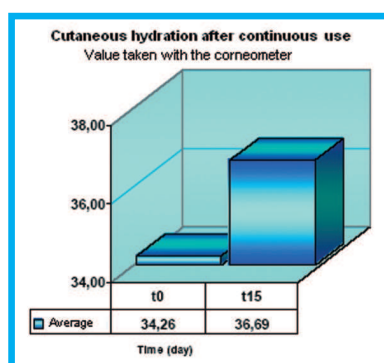
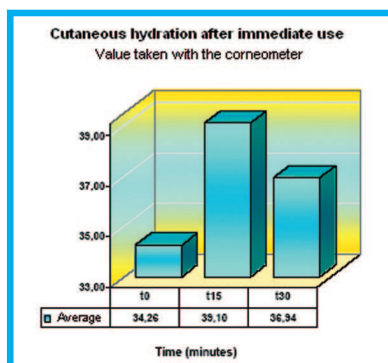
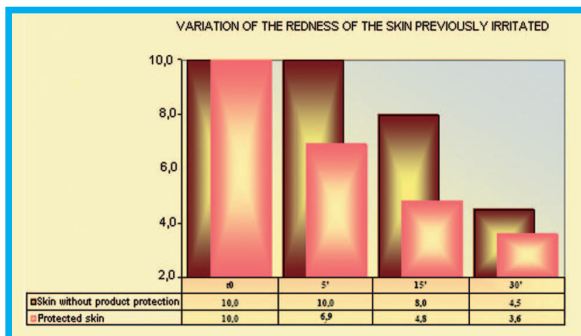
The functional ingredient of ANTIDERM is studied especially to provide maximum relief for reddened skin. It has a high emollient action and soothing qualities. This product has nourishing, smoothing, and emollient properties. It gives the skin a good smoothness, while maintaining the hydro-lipidic balance and providing an eutrophic and regenerative effect. It is a useful support to cortisone, antimycotic and antihistaminic based dermatological therapies or whenever there is a specific irritation, itching, dermatitis (atopic, from contact, seborrhoeic), skin without lipids, cutaneous xerosis, iperkeratosis... and generally when a rapid restoration of the cutaneous hydro-lipidic film is necessary. It gives a feeling of well being and relief in the following situations: dry, scaly, chapped, rough, sunburned skin or skin exposed to ionizing radiations. It helps to prevent premature cutaneous aging caused by the physiological "skin-aging"

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Evaluation of the immediate cosmetics "SOOTHING" and HYDRATING effect on a cosmetic product containing ANTIDERM, conducted with a clinical test and polarised light video camera.

20 subjects, male and female, between the ages of 18 and 70.

The product significantly alters the time needed to heal reddened skin, previously irritated by external agents



During the course of treatment the product is capable of significantly altering the cutaneous HYDRATION.

### Technical data

ASPECT: OILY LIQUID FROM LIMPID TO SLIGHTLY VEILED  
 COLOUR: YELLOW  
 ODOUR: CHARACTERISTIC  
 DENSITY: 0,9 – 0,94 g/ml  
 VISCOSITY: 120 – 150 SPINDLE 2 12 rpm  
 TOTAL MICROBIC COUNT: < to 1000 cfu/g

INCI NAMES	CTFA NAMES	N° CAS
Balsam Copaiba	Copaifera Officinalis (Balsam Copaiba) Resin	8001-61-4
Olea Europaea	Olea Europaea (Olive) Fruit Oil	8001-25-0 Glycerol
Glyceryl Isostearate	Glyceryl Isostearate	66085-00-5
Palmitoyl Hydrolyzed Wheat Protein	Palmitoyl Hydrolyzed Wheat Protein	Biopolymers
Potassium Cocoyl Hydrolyzed Wheat Protein	Potassium Cocoyl Hydrolyzed Wheat Protein	Biopolymers
Panthenol	Panthenol	81-13-0
Glycyrrhetic Acid	Glycyrrhetic Acid	471-53-4
Allantoin	Allantoin	97-59-6

### CLINICAL WORKS TITLES

- Antimicrobial Terpenoids from the Oleoresin of the Peruvian Medicinal Plant *Copaifera paupera*. *Planta Medica* 2002, 68: 808-812
- Investigation on the Wound Healing Activity of Oleoresin from *Copaifera langsdorffii* in Rats. *Phytotherapy Research* 16, 737-739 (2002)
- Anti-inflammatory activity of oleoresin from Brazilian *Copaifera*. *Journal of Ethnopharmacology*, 22 (1988) 101-109
- Gastroprotective effect of *Copaifera langsdorffii* oleoresin on experimental gastric ulcer models in rats. *Journal of Ethnopharmacology*, 62 (1998) 73-78
- Extracts of Bolivian plants, *Copaifera reticulata* and *Heisteria pallida* Inhibit in vitro Free Radical-mediated DNA Damage. *Phytotherapy research*, Vol. 11, 460-462 (1997)
- Protective effect of *Copaifera langsdorffii* oleoresin against acetic acid-induced colitis in rats. *Journal of Ethnopharmacology*, 93 (2004) 51-56



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