blue cap®

Activated Piroctone olamine

This active ingredient present in the formulation of **BLUE CAP® Foam** has been treated with the Molecular Activation Technology from Laboratorios Catalysis, a process that enhances its antioxidant properties to neutralize reactive oxygen species (ROS) that generates inflammation. It also promotes the correct regeneration of the skin.

INGREDIENTS (INCI)

Aqua, Isopropyl palmitate, Isobutane, Diethylhexyl carbonate, Sucrose cocoate, Polyglyceryl-3 methylglucose distearate, Glycerin, Propane, Cyclopentasiloxane, Cyclohexasiloxane, Ceramide NP, Ceramide AP, Ceramide EOP, Phytosphingosine, Cholesterol, Sodium lauroyl lactylate, Carbomer, Xanthan gum, Methylparaben, Propylparaben, Propylene glycol, Diazolidinyl urea, Phosphoric acid, Glyceryl stearate, Methyl gluceth-20, Bisabolol, BHT, BHA, Piroctone olamine, Stearyl alcohol, Sodium methylparaben, Sodium propylparaben, Tocopheryl acetate, Butane, Parfum, Cinnamyl alcohol, Benzyl benzoate, Coumarin, Isoeugenol, Hexyl cinnamal, Butylphenyl Methylpropional, Linalool, Citronellol, Geraniol, Alpha-isomethyl ionone, Benzyl salicylate.

Warning:

The information above does not constitute medical advice. Consult a healthcare professional before using this product.

CLINICAL STUDY

Open Journal of Pediatrics, 2024, 14, 609-622
https://doi.org/10.4236/ojped.2024.143059



PRESENTATION:

Tubes with 100 ml of foam.

BLUE CAP® is also marketed as shampoo, spray, cream, body milk and bath and shower gel.

Distributor

catalysis

Calle Macarena 14
28016 Madrid • SPAIN

catalysis

effective alternative for control
OF CHILDREN'S ATOPIC DERMATITIS

What is BLUE CAP® Foam?

It is a topical product that contains *activated Piroctone olamine* its main ingredient. *Piroctone olamine* is a compound that has been widely used in the treatment of seborrheic dermatitis and other skin conditions.

How does BLUE CAP® Foam work?

Its mechanism of action in the treatment of atopic dermatitis (AD) is based on several effects:

① **Antifungal:**

It inhibits the absorption of potassium ions, phosphates and amino acids, essential substances for the metabolism of fungal cells. It is also concentrated within the structure of these cells, reinforcing their fungicidal effect.

② **Anti-inflammatory:**

It displays anti-inflammatory properties by inhibiting the Wnt signaling pathway, leading to reduce cell differentiation, migration, and hyperplasia.

③ **Antioxidant:**

*By activating the piroctone olamine contained in **BLUE CAP® Foam**, its antioxidant capacity is enhanced, allowing a greater number of free radicals to be neutralized, thus reducing the risk of developing acute and chronic diseases.*

These combined effects of *piroctone olamine* in its activated form help to improve the symptoms and signs of AD, such as itching, redness and peeling, while renewing the skin and reducing inflammation

Who is BLUE CAP® Foam recommended for?

BLUE CAP® Foam is recommended for children with signs of atopic dermatitis (erythema, peeling, infiltration, excoriations, xerosis) and symptoms such as redness and itching.

How is BLUE CAP® Foam applied?

Wash and dry the affected area beforehand. Apply **BLUE CAP® Foam** twice a day with a gentle massage until completely absorbed, and continue for as long as necessary until the symptoms disappear. Keep your skin well hydrated and avoid AD triggers, such as certain foods, detergents, or factories.

Is BLUE CAP® Foam safe?

BLUE CAP® Foam is safe and effective for children with AD. Consult a pediatric dermatologist for an appropriate diagnosis and treatment plan.

BLUE CAP® Foam does not contain corticosteroids or cytostatics in its composition and does not have side effects, even if used for a long period of time.

BLUE CAP® Foam BLUE CAP® foam is a safe solution clinically tested to control and recover from the symptoms associated to AD in pediatric patients.

Study of the efficacy and safety of BLUE CAP® for childhood atopic dermatitis

Mirjana Gajic-Veljic et al. Open Journal of Pediatrics, 2024, 14, 609-622. Serbia

Objective: To evaluate the efficacy and safety of **BLUE CAP®Foam**, a treatment based on activated piroctone olamine (POA), for childhood atopic dermatitis (AD).

Methods: Clinical study in 58 children with AD from 3 to 18 years old. **BLUE CAP® Foam** was applied to participants twice a day for 30 days, with a final evaluation after 45 days.

Results:

- Significant reduction in signs of AD after 2 and 4 weeks of treatment.
- Moderate to great disappearance of manifestations and improvement in skin quality.
- The treatment was evaluated as very good or good by the researcher and the patients.

Before treatment **45 days after treatment**



Conclusions:

BLUE CAP®Foam is an effective and safe treatment for childhood AD.