

BOCUGL

Advanced Nano Emulgel for Psoriasis, Atopic Dermatitis (Eczema) & Melasma

Developed by Acubiosys Pvt. Ltd., BOCUGEL is a scientifically advanced, patented, precision-engineered nano emulgel formulated with Active Phyto-Pharmaceuticals for targeted management of chronic inflammatory and pigmentary skin disorders.

Leveraging next-generation nano-delivery technology, BOCUGEL ensures enhanced penetration of active ingredients into deeper skin layers, improving bioavailability, hydration, and site-specific therapeutic action. Its skin-compatible hydrogel system is designed to restore skin balance, support barrier repair, and enhance patient comfort through a non-greasy, cosmetically elegant formulation.

Product Benefits

- ✓ Helps relieve symptoms of chronic inflammatory skin conditions such as redness (erythema), scaling, irritation, and flaking
- ✓ Supports reduction of inflammation and soothes sensitive, irritated skin
- ✓ Assists in improving overall skin texture and appearance in acne and melasma-prone skin
- ✓ Promotes restoration of healthy skin barrier function and moisture balance
- ✓ Improves overall skin resilience through multi-pathway dermatological support
- ✓ Advanced nano emulgel system ensures better penetration and targeted delivery of actives

Key Benefits

- ✓ Helps relieve erythema, scaling, inflammation, red patches, and flaking associated with psoriatic skin
- ✓ Supports symptomatic relief in Atopic Dermatitis
- ✓ Helps soothe irritated, inflamed, and sensitive skin
- ✓ Assists in improving skin appearance in Acne and Melasma
- ✓ Non-greasy hydrogel base with enhanced spreadability and improved patient compliance
- ✓ Advanced Nano Emulgel Technology for superior topical delivery and enhanced skin penetration

Mechanism of Action

- ✓ Inhibits key inflammatory drivers including the NLRP3 inflammasome and 12R-lipoxygenase pathway, helping reduce inflammatory cascade activation and skin irritation
- ✓ Regulates cytokine secretion through modulation of the TLR7/8 signaling pathway, supporting balanced immune response in affected skin
- ✓ Downregulates STAT3 expression, helping control abnormal inflammatory signaling and hyperproliferative skin activity

How It Works

- ✓ Enhances key skin barrier proteins such as Involucrin and Filaggrin, supporting improved barrier integrity and moisture balance
- ✓ Helps prevent cellular damage and inflammation, protecting skin from oxidative and inflammatory stress
- ✓ Induces controlled apoptosis of damaged or abnormal cells, supporting natural skin renewal and restoring tissue homeostasis
- ✓ Regulates keratinocyte activity by arresting progression at the G0/G1 phase of the cell cycle, helping control excessive skin cell proliferation