



PAPULEX®

Indication:

- Papulex® is a line of cosmetic products specifically targeted at cleansing, protecting and keeping acne prone skin in good condition
- Papulex® can be used alone or in combination with conventional acne therapy
- Papulex® represents a complete daily management of signs and symptoms of light to moderate acne
- The Papulex® line is an original and exclusive concept based on a unique combination of ingredients

The Papulex® line is available as a **cream, lotion, Isocorrexion, gel** and **cleanser**.

Products Benefits:

- No bacterial resistance - effective alternative non-antibiotic treatment with no risk of inducing bacterial resistance or side effects
- Contains 4% Nicotinamide - as effective as topical clindamycin and has anti-inflammatory properties
- Contains zinc PCA, which has a sebum regulating effect
- Anti-bacterial adhesive activity on P. acnes
- Non comedogenic - does not block pores
- Non photosensitizing (no adverse reactions to sun exposure)
- Fragrance free, reduced risk of allergy
- Anti-shine effect thanks to mattifying agents
- Hydrates without greasiness

Key Ingredients:

ANTI-INFLAMMATORY

Nicotinamide ^{1,2} 4%	Inhibits histamine release by mast cells
Cream Isocorrexion Lotion Gel Cleansing Gel	Inhibits the neutrophilic chemotaxis and secretion of inflammatory mediators
	Blocks histamine receptors, and no substances that can increase the inflammatory process are released
	Suppresses lymphocytes transformation into lymphoblasts, preventing their migration to inflammatory site

ANTI-BACTERIAL BARRIER

Active A.B.A. Anti-Bacterial Adhesive Cream Isocorrexion Lotion Gel Cleansing Gel	Blocks proliferation of P. acnes by inhibiting its adhesion to corneocytes accumulated in the follicle
	Molecular interaction between the adhesin present on the surface of the bacteria and the receptors of the cells cannot take place

SEBUM REGULATING ACTION

Zinc PCA	It reduces secretion of sebum by its inhibiting action on 5- α -reductase
Cream Isocorrexion Lotion	

¹Bekier E, Maslinski CZ, Agents Action, 1974; 4: 196
²Bekier E et al. Int Arch Allergy 1974; 47:737-748

Approval Status:

Papulex® line of products are registered as cosmetics in the EU.

Product Presentations:

Papulex® Cream 40ml

- An oil-in-water emulsion free from vegetable and mineral oils, that helps in reducing inflammatory lesions and in regulating sebum production. It's completed with mattifying agents for a long-lasting anti-shine effect



PAPULEX®

Papulex® Isocorrexion 50ml

- Rich of phytosebum, it acts as an emollient and moisturises dry skin caused by medical treatments while promoting the eradication of blemishes

Papulex® Lotion 125ml

- Dries skin imperfections on extended areas of the body

Papulex® Gel 40ml

- Dries skin imperfection located on the face

Papulex® Cleansing Gel 150ml

- Has a mild cleansing base, with no soap and is green in colour to encourage a feeling of "freshness" during daily cleansing

- Shelf life: 3 years (cream, isocorrexion, lotion, cleansing gel)
2 years (gel)
PAO: 12 months (cream, isocorrexion, lotion, gel, cleansing gel)

Market Potential:

- Acne is very prevalent throughout the world
- Anti-biotic resistant strains of P. acnes have steadily increased in the last decades and are found in more than 50% of cases in Europe
- There is growing concern about the increase in the prevalence of anti-biotic resistance strains of P. acnes , and Papulex® represents a novel approach and an effective alternative
- Papulex is an ideal choice as part of a patient's Acne therapy

Summary:

The Papulex® line contains Nicotinamide 4% (clinically demonstrated anti-inflammatory action), the patented Active ABA (inhibits bacterial adherence and consequent bacterial proliferation) and Zinc PCA (sebum regulating effect). The Papulex® line of cosmetic products is an ideal choice as part of a patient's Acne therapy.

Sinclair Pharmaceuticals is looking to commercialise Papulex® line of products through marketing partners, specialising in Dermatology. For further information on Papulex® please visit www.sinclairpharma.com for Business Development team contact details.



www.sinclairpharma.com

For further information on Papulex®, please contact Sinclair Pharmaceuticals, Business Development Team on +44 1483 410600

¹Rougier N, Verdy R, Chesne C, Pouvoir inhibiteur d'un gel anti-adhésion bactérienne sur l'adhésion de Propionibacterium acnes aux cornéocytes de sujets acnéiques Nouv Dermatol 2003 ; 22 :7-11
²Samsøen M. Action anti-inflammatoire de la vitaminothérapie de contact B3 (nicotinamide) dans l'acné inflammatoire Nouv Dermatol 2003 ; 22 :7-11