



PharmaClinix[®]

Advanced Cosmeceuticals

- **Fast acting**
- **Complex formulations**
- **Clinically proven ingredients**
- **Economical price**

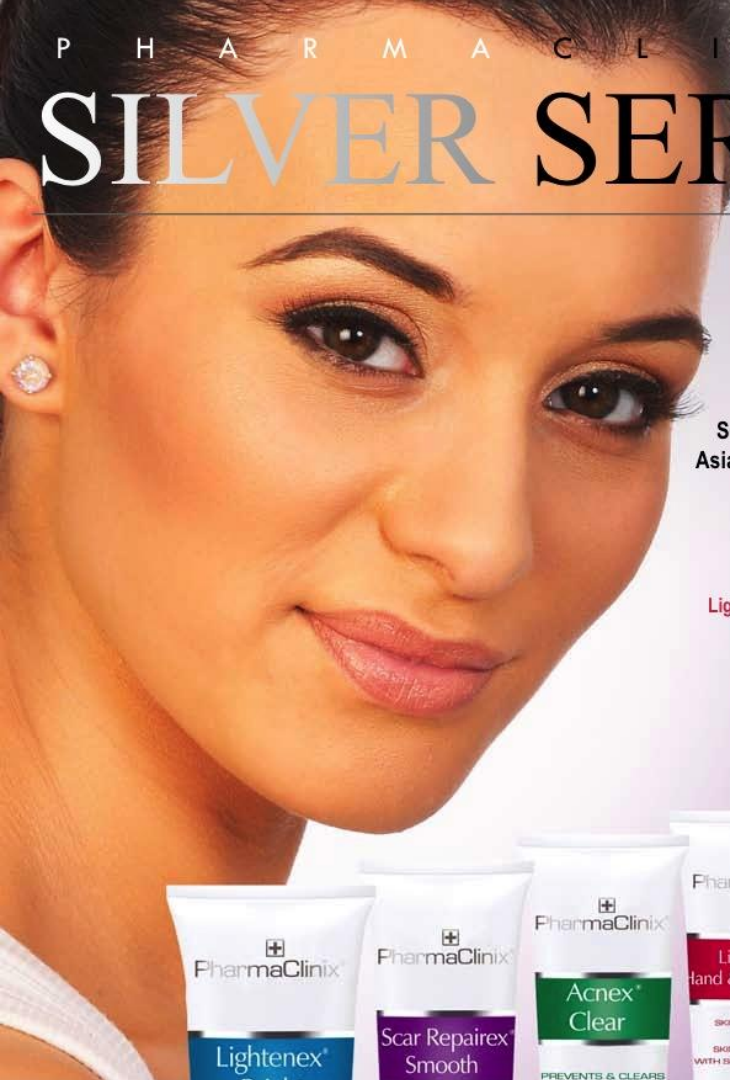


UK's top selling Professional Skincare

PharmaClinix Ltd, 130 Bramley Road, Kensington, London, W10 6TJ, UK

P H A R M A C L I N I X

SILVER SERIES



Pharmaclinix®
Scientifically designed for
Asian and Darker skin tones

- Lightenex®Bright
- Scar Repairex®Smooth
- Acnex®Clear
- Lightenex®Hand & Foot Cream
- Sun Blockex®Max



Clinically Tested and Produced in the E.U.

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PharmaClinix®
Advanced Cosmeceuticals

LIGHTENEX® BRIGHT

SCAR REPAIREX® SMOOTH

LIGHTENEX® HAND & FOOT INTENSE

ACNEX® CLEAR

SUN BLOCKEX® MAX SPF 50





PharmaClinix®
Advanced Cosmeceuticals

Lightenex® Hand & Foot Intense SPF 40 with UVA/UVB

INGREDIENTS

- **Proven Depigmenters:**
 - Niacinamide 4%,
 - Magnesium Ascorbyl phosphate 2%,
 - Octadecenoic acid (Dioic acid) 2%,
 - Liquorice extract 2%
- **Intense moisturizer Urea at 10%**
- **Sun protection of SPF 40**
- **Mild anti-inflammatory Salicylic acid 2%**





Indication for using Lightenex® Hand & Foot Intense with UVA

- Post Inflammatory hyperpigmentation
- Dry cracked heels, knees, elbows & collar line where urea with salicylic acid helps to dissolve inter-cellular matrix of skin leading to increased shedding & softening of skin.
- Any pigmented post eczema & psoriasis.
- *Do not use on private parts of the body.*
- *Do not use during Flare ups.*



PharmaClinix®
Advanced Cosmeceuticals

Clinical Evidence for Lightening Ingredients

INGREDIENTS:

1. Niacinamide 4% [6]
2. Octadecenedioic 2% [2, 3,4]
3. Beta Arbutin 2% [1]
4. Magnesium ascorbyl phosphate 2% [5]
5. Liqorice extract 2%





Niacinamide

A 138 (one hundred and thirty eight) subject clinical trial using 5% and 2% Niacinamide as well as detailed in-vitro studies showed:

- Niacinamide gave **35-68% inhibition of Melanosome** transfer in the co-culture (melanocyte/keratinocyte) model
- Niacinamide significantly:
 - Decreased hyperpigmentation
 - Increased skin lightness

(compared with vehicle alone after 4 weeks of use).



Octadecenedioic 2% (Dioic acid)

An open comparative study of ninety six (96 female) Melasma patients in a 12 week study between:

Dioic Acid 1% & Hydroquinone 2% showed:

- more pruritus with hydroquinone
- **Dioic acid as effective as Hydroquinone**



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Urea 10%

- Intense deep moisturiser for dry, thick skin.
- Anti-fungal & keratolytic.



Dioic acid 2% (study1)

A twenty patient placebo study on patients of Indian and Pakistani origin given Dioic acid 2% over 8 weeks showed:

- A significant **reduction in melanin** ($p < 0.025$) measured both by chromameter & mexameter.

Dioic acid 2% (Study 2)

In-vitro studies using Dioic acid 2% in melanoma cells showed:

It binds to PPAR -gamma receptors on melanocytes to:

- Reduce Tyrosinase mRNA production by **54%**
- Reduce tyrosinase production by **52%**
- **Reduce melanin synthesis by 46%**

Int Journ of Cosmetic Science-2005,27,123-132.Anew mechanism of action for Skin Whitening agents:binding to PPAR.J W Weichers,A V Rawlings,C Garcia,C Chesne,P Balaguer,J C Nicholas, Corre&M D Gilbert.Uniqema Skin R&D,Gouda,The Netherlands.A V R Consulting Ltd,26 Shavington way,Northwich,Cheshire,UK.Endocrinologie Moleculaire et Cellulaire des Cancers,Montpellier,France.Lab Genetique et Developpement,CNRS UMR6061, Faculty of Medicine,University of Rennes,1-2 Leon Bernard Avenue,35043 Rennes ,France.



Magnesium Ascorbyl Phosphate

A Clinical Study using Magnesium Ascorbyl Phosphate 2% on a total of 34 patients with chloasma or senile freckles showed the lightening effect to be *significant* on 19 of the 34 patients.

- In addition 1.6% of the cream remained in the epidermis 48 hours after application.

Inhibitory effect of Magnesium ascorbyl phosphate on Melanogenesis in vitro and in vivo. Journal of American Academy of Dermatology. 1996 Jan;34(1):29-33. Kameyama K, Sakai C, Kondoh K, Nishiyama S, Tagawa M, Murata T, Ohnuma T, Quigley J, Dorsky A, Bucks D, Blanock K. Det of Dermatology, Kitasato University School of Medicine, Sagami-hara, Japan.



Liquorice Extract

Glabridin is a component of Liquorice Extract.

This study investigated inhibitory effects of Glabridin on melanogenesis and inflammation.

The results indicated that Glabridin:

- Inhibits tyrosinase activity of melanoma cells at concentrations of 0.1 to 1.0 microg/ml
- Decreased specifically the activities of T1 and T3 tyrosinase isozymes.
- UVB-induced pigmentation and erythema in the skins were inhibited.



Conclusion

**Lightenex[®] Hand & Foot
Intense SPF 40 with UVA/UVB
Works**

www.pharmaclinix.com