

Tamanu Oil - Calophyllum Inophyllum

Some dedicated researchers such as The Australian Society of Cosmetic Chemists have now put in the spotlight the Tamanu oil

For a little less than 100 years Calophyllum Inophyllum has been studied & used for its amazing skin healing properties, scar inhibiting, anti-viral, anti-inflammatory and anticoagulant properties (e.g.: sunburns, erythema).

A natural skin healing oil for eczema, dermatitis, acne, scars, skin cancer, burns, ulcers and much more as listed below.

One of the most remarkable benefits is the Cytoprotective effect against UV-induced DNA damage and oxidative stress, thus defining its role as a new biological UV filter with a SPF 18-22 in ophthalmic preparations.

There is a short but not inclusive list of its benefits:

1- Soothing and protective effect on the skin (sunburn, inflammation, skin redness, insect bites).
*EVIC-CEBA laboratory study June 2000 - Ih268/01*.

2- Regenerating effect on the epidermis cells, wound healing (burns, cuts, cracks, scars...).
*Microna laboratory Feb. 2003 - N°03/0607i*.

3- Improves the appearance of aged scars (1 year or older).
*Australian Society of Cosmetic Chemists Annual Congress, Hamilton Island 2003 The role of natural ingredients in anti-ageing of the skin.*

4- Anti acne, anti septic *(Phytochemistry. 2004 Oct.;65(20):2789-95)*, anti inflammatory (ABICH oct.2005 - REL/244/05/FUNZ/ELB), anti viral *(Bioorg Med Chem Lett. 1998 Dec. 15;8(24):3475-8) & (Med Res Rev. 2000 Sept.;20(5):323-49)*, antibiotic, anti-coagulative, fungal inhibitor *(Yao Xue Xue Bao. 2004 Apr.;39(4):305-8)* and antibacterial effects *(Microna laboratory oct.2002 - °02/4500i) & (Indian J Exp Biol. 1970 Jan;8(1):39-40)*.

5- Natural UV filter, inhibit 85 % of the DNA damage and oxidative stress induced by UV radiation at 1% concentration in ophthalmic preparations *(Eur J Pharm. Sci 2007 Mar;30(3-4):203-10. Epub 2006 Nov 9).*

6- Calophyllum Inophyllum oil, even at low concentration (1/10,000, v/v), exhibited significant UV absorption properties (maximum at 300nm) and was associated with an important sun protection factor (18-22) in ophthalmic preparations. *(Eur J Pharm. Sci 2007 Mar;30(3-4):203-10. Epub 2006 Nov 9).*

7- A naturally occurring anti HIV agent *(Pharm. Biol., vol 37, n 1, pp71-76)*.

8- Cancer chemopreventive agents (anti-tumor-promoting agents).
*Cancer Lett. 2001 Aug. 10;169(1):15-9.*

9- Moisturising, nourishing and repairing (epidermal cells) effect on the skin (dry and damaged skin, wrinkles, anti ageing...).
*Microna laboratory feb.2003 - N°03/0607i*.

10- Increases microcirculation (heavy legs, bruising...)
*Dermscan - April 2007 - study N°07D0458*.

11- Body hygiene (body odours, infections, skin rashes, dermatitis, psoriasis...)
*Phytochemistry. 2004 Oct.;65(20):2789-95*.

12- Hypo allergenic (non irritant, non sensitizing).
*Dermscan April 2007- study DN-730/07EO398*.