

## Dermytol™



### What is Dermytol™?

- Dermytol™ is a proprietary extract from Canola.

### What does Dermytol™ do for you?

- Dermytol™ is a novel compound designed to help protect skin cells from damage that may lead to skin cancer. Supplementation with Dermytol™ by both oral and topical routes has been shown to have positive effects in animal models on skin cell tumor growth.

### What research has been done on Dermytol™?

- KGK Synergize, Inc. has conducted numerous studies both *in-vitro* and *in-vivo* to evaluate the efficacy of Dermytol™ on various different cancer cells lines.
- Scientific testing has consistently produced the following results:
  - ⇒ Dermytol™ inhibits proliferation of human cancer cells *in-vitro*.
  - ⇒ Oral toxicity study of Dermytol™ did not produce any adverse effects in mice.
  - ⇒ Dermytol™ was also tested as a preventative agent in an inducible, non-melanoma skin cancer mouse model. Dietary supplementation with Dermytol™ moderately delayed the onset of skin tumors and significantly reduced tumor multiplicity (by 34%). Supplementation with a low dose of Dermytol™ also significantly reduced the total tumor volume and the final tumor weight.
  - ⇒ The effect of Dermytol™ on development of melanoma in mice was studied both by oral gavage and with topical application. Reduction in tumor volume and size was observed in mice treated with Dermytol™ by both routes compared to the controls.
- Based on these results, KGK Synergize, Inc. has pursued extensive clinical testing with two independent, double-blind, randomized, placebo controlled clinical trials running concurrently in the U.S. and Canada.

### Key Points:

- Supplementation with Dermytol™ by both oral and topical routes may have beneficial effects in treating and/or prevention of melanoma.
- Dermytol™ and its active constituents have the potential to treat melanoma skin cancer in mice. It is most effective against human melanoma cells.
- No toxicity was observed in pre-clinical rodent trials, as confirmed by normal growth and food consumption.

### What is the Dosage?

- Oral or topical application of supplements containing 7.8% w/v Dermytol™ daily.

### Availability:

- Topical cosmeceuticals.
  - Sun protection products
  - Anti-aging products

# United States of America

United States Patent and Trademark Office

## DERMYTOL

**Reg. No. 3,795,077**

**Registered May 25, 2010**

**Int. Cl.: 3**

**TRADEMARK**

**PRINCIPAL REGISTER**

KGK SYNERGIZE, INC. (CANADA CORPORATION)  
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FOR: COSMETICS, NAMELY, SKIN CARE PREPARATIONS, NAMELY, CREAMS, GELS, LOTIONS, CLEANSERS, MOISTURIZERS, NON-MEDICATED BALMS AND ESSENTIAL OILS FOR PERSONAL USE, IN CLASS 3 (U.S. CLS. 1, 4, 6, 50, 51 AND 52).

FIRST USE 9-18-2007; IN COMMERCE 9-18-2007.

THE MARK CONSISTS OF STANDARD CHARACTERS WITHOUT CLAIM TO ANY PARTICULAR FONT, STYLE, SIZE, OR COLOR.

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