

## Metique Tea Tree Oil Products

# Vitamin A

## Retinyl Palmitate

Vitamin A forms naturally in the skin as Retinyl Palmitate. It is an important component for healthy cell function. There is good evidence that topical application of Vitamin E in the form of Retinyl Palmitate does increase the amount of Retinyl Palmitate in the skin and this increase may be responsible for the many positive results that people have to using topical vitamin A, such as anti-wrinkle and skin cell renewal.

During normal eating habits most people are likely to consume a certain amount of Vitamin A through food, every day and research has shown that Vitamin A is an essential part of optimal health. The Vitamin A consumed through food will be "delivered" to all the organs in the body, including the skin. So in a healthy functioning body, you will have a certain amount of Vitamin A in the skin as it is necessary for optimal cell function. The majority of the type/form of Vitamin A that is produced naturally in the skin is Retinyl Palmitate. It is this form of Vitamin A that we use in our Metique Tea Tree Oil Lotions.

# METIQUE®

METIQUE® - the Specialists in Tea Tree Oil Products



Please also see the separate word document under useful information on the use of Vitamin A in skincare and pregnancy (2006 study).

FOR MORE INFORMATION

Please visit

[www.teatreeoilproducts.co.uk](http://www.teatreeoilproducts.co.uk)

Under the Useful Information Section

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# METIQUE®

## Metique Tea Tree Oil Products

# Vitamin A

## Retinyl Palmitate

There is good evidence that topically applied Retinyl Palmitate can increase skin levels of Vitamin E. Especially in the outer layers of the skin (epidermis) and to a smaller extend in the Dermis.

Several tests on human skin in vitro and on human skin in vivo have shown that topically applied Retinyl Palmitate creams do not increase concentrations of any type of vitamin A in the blood.

So it doesn't come into the blood circulation, it stays in the skin.

The concentration of Retinyl Palmitate used in the cream in the report - please see useful information (Vitamin A used in Skincare and pregnancy 2006) is 0.55% and it found no traces of vitamin A in the blood of those using it. The concentration we use in our lotion is less than 0.55% so it is unlikely that topical use of our lotion will increase blood levels of any type of Vitamin A even if used all over the body every day.



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