



AMBROSIALAB
health and wellness research

INCI UE
Phytantriol
CAS
74563-64-7

Assorbimento dermico %
Dato non disponibile

NOAEL (mg/kg bw/day)
Dato non disponibile

Reasoning

The safety of Phytantriol has been assessed by the Cosmetic Ingredient Review (CIR) Expert Panel in 2007. Oral LD50 values in mice and rats were reported to be > 5000 mg/kg. Although data were not available with which to assess reproductive and developmental toxicity and carcinogenic potential, there were no structural alerts suggesting that these end points should be of concern. Dermal penetration is low, consistent with its chemical structure and molecular weight. Phytantriol is not genotoxic. Although this ingredient can be irritating and produce sensitization reactions at high concentrations, such effects are absent at lower concentrations. The Panel concluded that cosmetic products could be formulated at concentrations as high as 3% without significant irritation or sensitization (CIR 2007)



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