



TAN OLÉOBOOSTER®

Intensification of melanin production
Helps to accelerate the tan without a prolonged exposure to the sun

Micro-structured oily extracts stabilized by Oléo-éco-extraction patented green process

NATURAL TANNING ACCELERATOR

Melanin (skin pigment) is synthesized from a single amino acid: the tyrosine. This molecule is converted into L-DOPA and then into melanin thanks to tyrosinase, the enzyme which catalyzes this reaction. Many external factors may have an impact on the activity of this enzyme. This is particularly the case of a sun exposure, which by stimulating tyrosinase will accelerate tanning. By introducing tyrosine at cutaneous level, Tan Oléobooster® is going to stimulate melanogenesis and allows the skin to tan without being exposed to UV.



NEW LIPOSOLUBLE VERSION OF TYROSINE

Tan Oléobooster® is an original and unique lipo-solubilized form of tyrosine with a 100% natural and vegetable origin.

Tamanu virgin oil^[1], a natural UV filter, and sesame virgin oil, have been associated to tyrosine, because of their high concentration in protective biomolecules and their significant capacity to absorb in UV. These two oils naturally protect the skin against UV damages.

Both allow to vectorize tyrosine thus enhancing its cutaneous penetration and its bioavailability.



[1] Cytoprotective effect against UV-induced DNA damage and oxidative stress: Role of new biological UV filter, T. Saida, M. Dutot, C. Martin, J.-L. Beaudoux, C. Boucher, E. Enee, C. Baudouin, J.-M. Warnet, P. Rat, European Journal Of Pharmaceutical Sciences (2007) 203-210 .

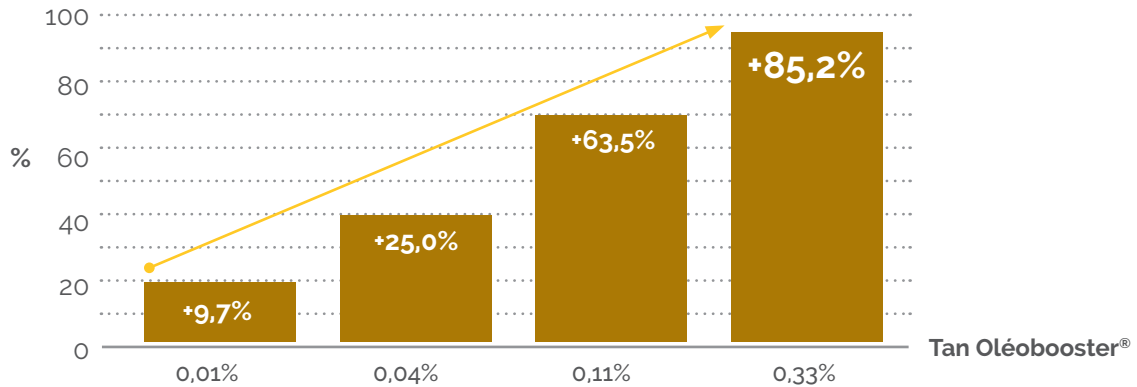


TAN OLÉOBOOSTER®

PROVEN TANNING EFFECT

Tan Oléobooster® increases significantly tyrosinase activity with a dose-dependent action. A dose of only **0.33%** of this ingredient boosts the melanin production up to **85.2%**.

Percentage increase of tyrosinase activity - In tubo test (n=3)



BOOSTER OF YOUR TANNING FORMULATIONS

Tan Oléobooster® is the **new 100% natural solution to boost tanning** and at the same time to **prevent the skin against UV rays**.

TECHNICAL AND REGULATORY DATA

INCI NAME: Sesamum Indicum Seed Oil (and) Tyrosine (and) Calophyllum Inophyllum Seed Oil (and) Glyceryl Stearate

RECOMMENDED DOSE: 1% - 10%

RECOMMENDED pH: 4 - 8

SOLUBILITY: Liposoluble

FORMULATION: In the fatty phase before emulsification and directly in anhydrous formulas (skin care, oil, oily serum, make-up, body butter,...).

+

SAFETY & GUARANTEE

NO

Cytotoxic
Phototoxic
Irritant
Allergenic

GMO
Additive
Preservative
Phthalate
Chemical &
Microbiological pollutant

FREE

+

APPLICATIONS

- TAN PREPARING CARE
- DAILY MOISTURIZING CREAM
- SUN PROTECTIVE CARE
- SUN CARE
- AFTER SUN CARE

