

Soliance - Nyamplung oil

Certified organic active oil



Givaudan

engage your senses



Nyamplung oil

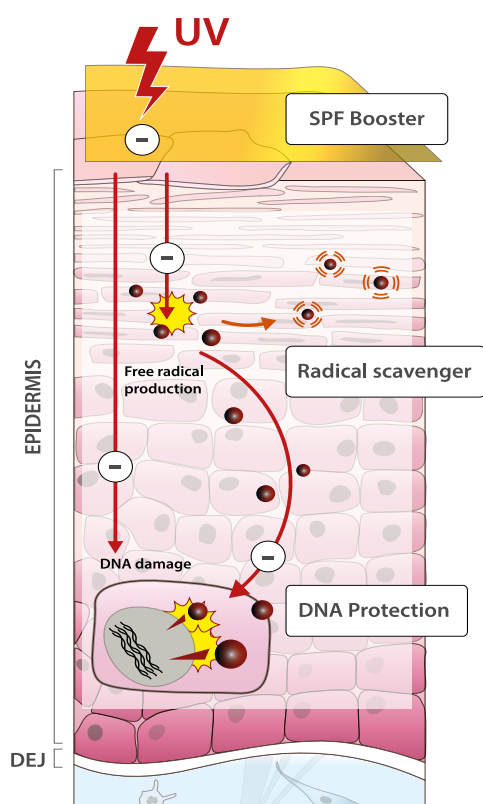
Certified organic active oil



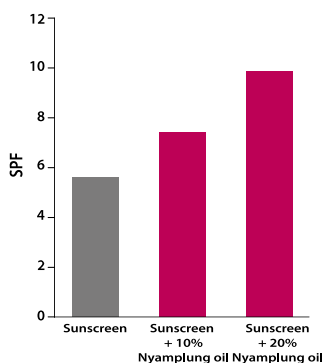
Nyamplung oil is a certified organic oil (EcoCerti standard) extracted from the nuts of *Calophyllum inophyllum*, a tree native to Indonesia. This virgin oil is naturally rich in unsaponifiables, especially in powerful tocotrienols. Nyamplung oil is an active oil that prevents premature aging induced by UV-exposure and protects the skin.

Photoaging prevention

Nyamplung oil prevents photoaging through three synergistic activities. As a SPF booster, Nyamplung oil enhances sunscreen efficacy to protect skin and hair from UV. It reduces oxidative stress and prevents DNA damages induced by UV exposure. Recent data have shown that it also has a healing activity.



SPF Booster (In vitro test)

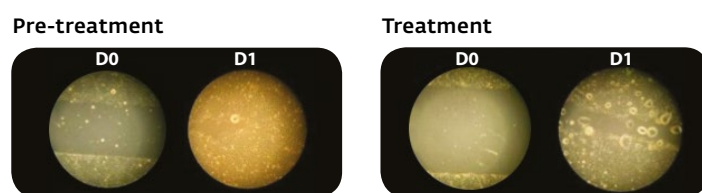


The SPF was assessed for Nyamplung oil combined to a reference sunscreen: Octyl methoxycinnamate (OMC).

Nyamplung oil optimizes sunscreen performance.

Cell repair and protection (In vitro test)

A wound is made on a monolayer of keratinocytes after or before treatment with 1% of Nyamplung oil.

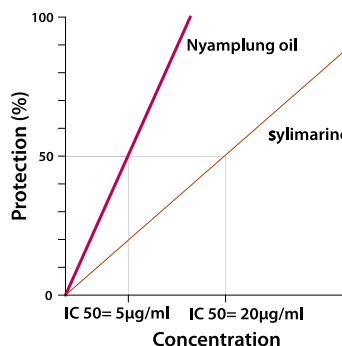


Nyamplung oil shows a preventive and curative stimulation of the healing process.

Free radical scavenger (In vitro test)

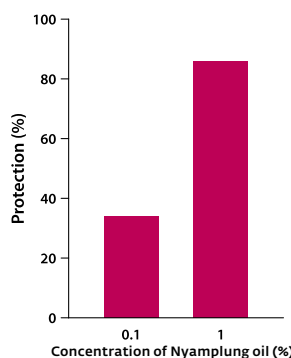
Cell cultures were treated with Nyamplung oil and exposed to OH[•].

The free radical scavenger activity was measured by quantifying DNA damages (3D test).



Nyamplung oil is 4 times more efficient than sylimarine.

DNA protection (In vitro test)



Cell cultures were treated with Nyamplung oil and exposed to UVB. The DNA protection activity was evaluated by quantifying DNA damages (3D test).

Nyamplung oil protects DNA from UVB.

INCI name: Calophyllum inophyllum seed oil.

Preservative: None.

Dosage: > 1% | **Form:** liquid | Liposoluble

Cosmetic applications: Massage oils, nutritive creams, sun care products, hair care.

Raw material certified by EcoCerti Greenlife according to the EcoCerti Standard for Natural and Organic Cosmetics available at <http://cosmetics.ecocerti.com>