

EPHYLA
Natural Active Design



Desert Date Oil®

First cold-pressed Vegetable Oil *

LII21 COLD-PRESSED VEGETABLE OIL



EPHYLA SAS

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* Organic form available upon request

The 5 stars ★ Vegetable Oil at the service of the Skin

EPHYLA
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★ Anticancer

★ Antiviral

★ Antimutagenic

★ Antimicrobial

★ Anthelmintics



Desert Date oil

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First cold-pressed with a guaranteed acid index
< 2 mg KOH / g



Family: Balanitaceae

INCI name: Balanites roxburghii seed oil

Renewable botanical origin: nucleus almond

Geographic origin: Intertropical Africa (Burkina Faso)

Color: light yellow

Form: liquid

Odor: characteristic

Identity card



Composition and processing

Almonds are harvested, washed, mechanically sorted by a union of women's groups in Burkina Faso.

The oil is obtained by almonds cold-pressing.

Then the oil is stabilized by Vitamin E addition.

Composition	QT (%)
Fatty acid - Omega 9	0,1
Fatty acid – Omega 3	0,1
Linoleic acid	40
Oleic acid	36,5
Palmitic acid	12,8
Unsaponifiable content	0,4

- Refractive index 1,47
- Density 0,93
- Guaranteed acid index < 2 mg KOH/g
- Peroxyde index < 40 MeqO₂/Kg
- Added Tocopherol content 0,2%

Properties

- The fruit is rich in saponins that confer fungicidal and anti-inflammatory properties.
- The oil has following proven activities:
 - Anticancer concerning lungs, liver and brain.
 - Antiviral versus a simple herpes virus.
 - Antimicrobial against selected strains of Gram-positive, negative, Candida
 - Antimutagenic in relation to *Fasciola gigantica*
 - Anthelmintics against « hepatic worms » parasite.
- In vivo surveys have demonstrated oil non-toxicity.

References:

- Obidah W. et al *Journal of American Science* **2009**; 5: 13-16
- Ashaal H A Al et al *Journal of Ethnopharmacology* **2010**; 127:495-501
- Chapagain B. et al *Phytochemical Analysis* **2007**; 18:354-362

