



# VIRGIN PRUNUS OIL

> INCI NAME : Prunus Domestica Seed Extract

## > ORIGIN

The Laboratoires Expanscience offer a golden and wonderfully perfumed oil. The virgin prunus oil is a cold pressed oil (no solvent) of Ente plums almonds, that were cultivated and harvested in the south east of France . The kernels are dried and shelled to collect almonds. Then, these almonds are shelled and cold pressed. The obtained oil is finally settled and filtered.

## > APPLICATIONS

Virgin prunus oil leaves the skin with an exceptionnal silky feeling. It also has a unique pleasant natural fragrance. The « top note » reminds bitter almond, the « dry down note » leading to a more complex fruity fragrance. Its use in « perfume free products » and in dry skin products is recommended. As a dry oil, it penetrates quickly leaving it smooth.

## > COMPOSITION

### FATTY ACIDS COMPOSITION

The virgin prunus oil is an oleic type oil containing approximately 70% of oleic acid and 20% of linoleic acid, from the omega family. The total content of polyunsaturated fatty acid is around 90%. Its fatty acid composition is close to the one of fruit kernel oils (apricot, almond, peach).

### UNSATONIFIABLE FRACTION

In the total sterol content,  $\beta$ -sitosterol represents about 85% and  $\Delta^5$ -avenasterol about 7 %. The tocopherol content (80 % de  $\gamma$ -tocophérols) is three times more than olive oil : 700ppm. For this reason, the virgin prunus oil has a very good oxidative stability (34 hours by the Rancimat test).

### CONTAMINANTS EXTERNES

The virgin prunus oil is solvent free, heavy metals free and pesticides free.  
The safety of prunus oil has been assessed.

STORAGE: UNDER AN INERT ATMOSPHERE, AWAY FROM LIGHT AND HEAT.  
Virgin prunus oil is strictly and only dedicated to cosmetic applications (topic)

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