



Our Organic Coriander oil comes from crushing the fruits of this aromatic plant from the Apiaceae family (Dill, Fennel, Parsley, etc.), grown in the southwest of France.

Coriander, probably native to the Near East or southern Europe, is a plant that has been used since antiquity, in ancient Egypt, ancient Greece and the Roman Empire. From that time on, archaeological evidence dating back to 6000 BC attests to this, its leaves and fruits were used in cooking but also as a medicinal plant, particularly for its digestive properties.

Botanical species

Coriandrum Sativum

Agricultural area

South West France

Sourcing type

Agriculture

Cultivation method

Organic

## Local Sourcing

Final process area

South West France (Perles de Gascogne)

Part used

Fruit

Mode

First Cold Pressing and possible slight refining (depending on harvest)

Additives

None

Coriander is currently little produced in France. However, its cultivation is perfectly adapted to our climates, and it can be positively inserted into crop rotations, thus offering possible diversification. Indeed, there are few notable difficulties, this plant appreciates well-drained soils, sowing is direct and if the emergence conditions are good it takes up space well and does not suffer from weeds. This plant likes sunshine and does not require much water during the summer period. Few pests affect it, it can be sensitive to aphids and fungal diseases. The fruits are harvested with conventional equipment as soon as the first fruits begin to fall in summer, with traditional threshing, no need for wilting. Note that if it is grown for the leaf, the much shorter cycle can be interesting for planting another crop.

## Agricultural diversity

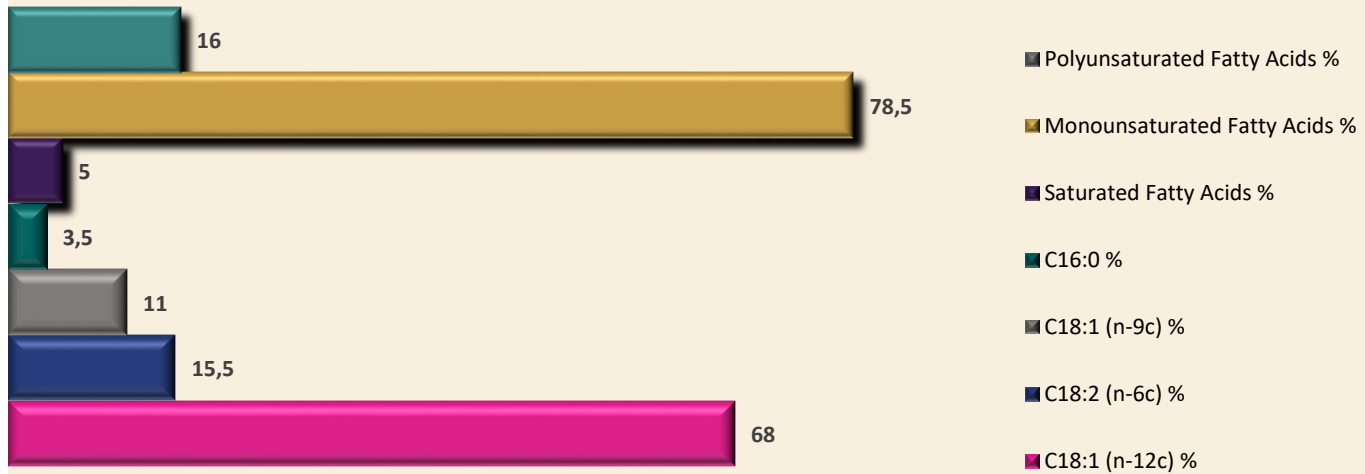
The small fruits are then cold pressed to extract the oil. Depending on the vintage and the weather conditions at harvest, the virgin oil thus produced can sometimes be slightly acidic. A slight refining (optional operation) is then necessary in order to neutralize the free fatty acids responsible. (the fatty acids are linked by their acid function and in groups of three to a glycerol. If this bond is broken, then they are said to be free and their acid function can give this slight acidity to the virgin oil).



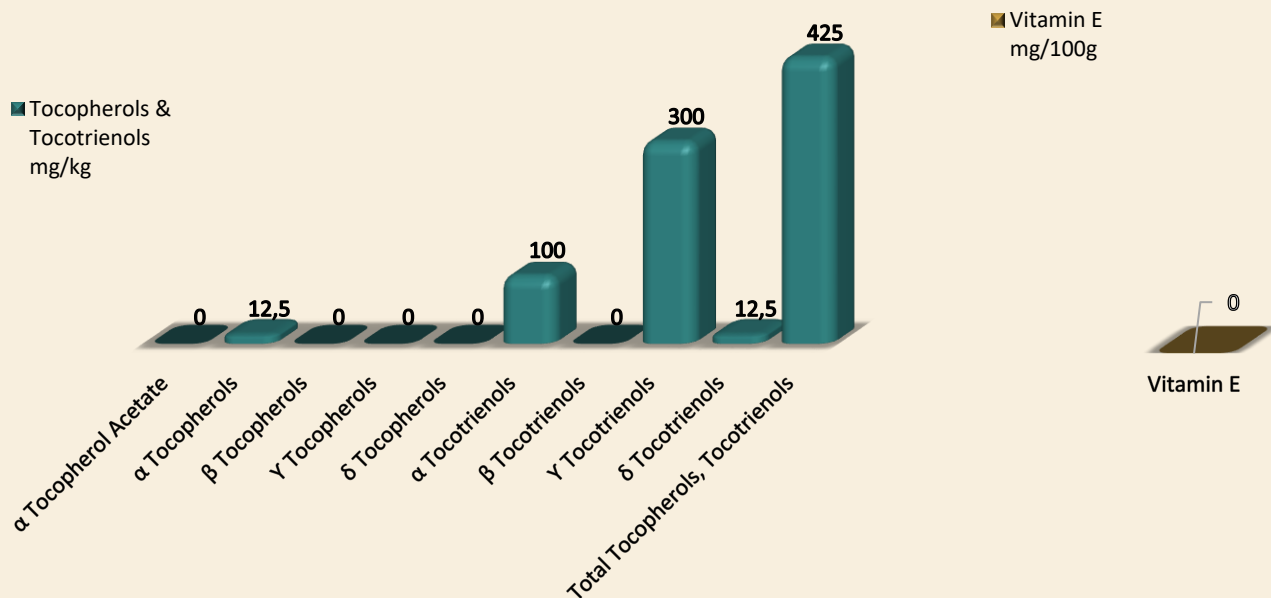
## Quality Criteria

Peroxide Index	<15	meqO <sub>2</sub> /Kg
Acid Index	<4	mg KOH/Kg
Saponification Index	179-200	Without

## FATTY ACIDS COMPOSITION



## UNSAPONIFIABLE



Rich in various unsaponifiables, Phytosterols, Polyphenols but also Tocotrienols, powerful antioxidants, which do not contribute to the academic calculation of vitamin E, but are molecules very close to tocopherols.

Organic Coriander oil also contains a variety of Terpenes which give it its unique aromatic properties, but which also have recognized therapeutic properties. Thus, in descending order of concentration, we find: Linalool (floral fragrance and soothing, anti-stress and anxiolytic properties), α-Pinene (pine resin fragrance and antiseptic properties, insect repellent), Camphor (stimulating and toning action), Geraniol (floral and rosy fragrance, antibacterial, antifungal and antioxidant properties), and Limonene (citrus fragrance and healing, anti-stress, insect repellent properties) among others.

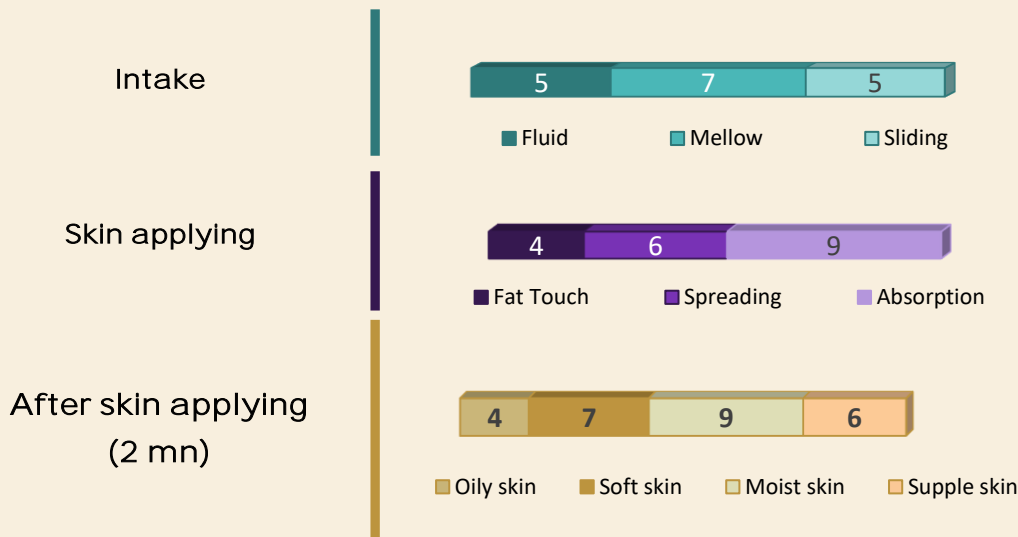


INCI Name  
Coriandrum Sativum Seed Oil

Naturalness Indices According to ISO 16128			
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1	1	1	1

### SENSORY ANALYSIS TOUCH

*Due to the melting temperature (approx. 30°C) of petroselinic acid, the touch is rather meallow when taken, but the exceptional penetration capacity does not provide any feeling of greasy touch, and its sebum-regulating affinity leaves the skin hydrated and softened.*



Scale 0 to 9

### DERMO COSMETIC PROPERTIES

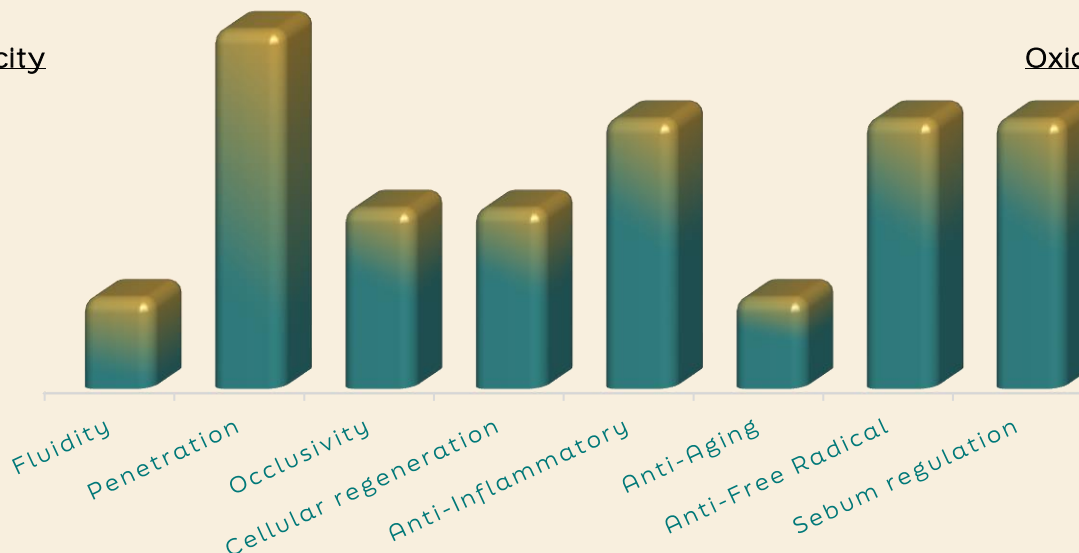
*Non-comedogenic, the composition of organic coriander oil, in petroselinic acid, combined with its richness in terpenes, phytosterols and tocotrienols, gives it remarkable properties of penetration, anti-inflammatory, anti-radical, but also anti-bacterial. Petroselinic acid and oleic acid also have remarkable sebum-regulating properties.*

Comedogenicity

0/5

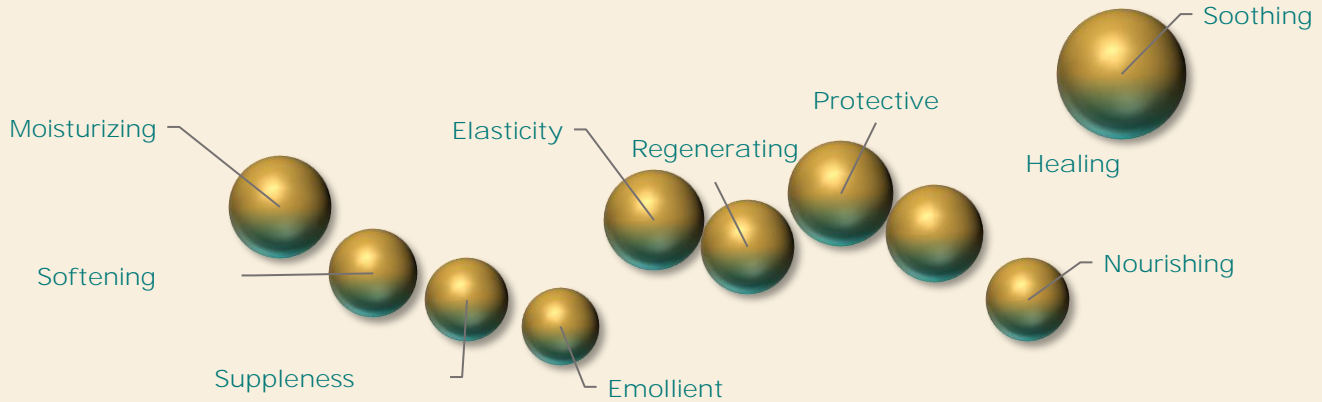
Oxidative sensitivity

1/4



DERMO COSMETIC BENEFITS

*This set of properties draws a very moisturizing, soothing and even healing, and protective oil.*



*Organic Coriander oil is suitable for all skin types, it can moisturize and nourish deeply, soothe redness or irritation, purify and cleanse the skin. It is also remarkably tonic for hair treatments thanks to petroselinic acid.*

SKIN TYPES	<u>Dry skins</u>	<u>Skin subject to redness</u>
	<u>Oily skin</u>	<u>Acne-prone skin</u>
	<u>Mature Skin</u>	
SKIN APPENDAGES TYPES	<u>Dry, brittle hair</u>	<u>Dull hair</u>

CORIANDER OIL CAN BE USED IN FACIAL CARE, BODY CARE, HAIR CARE PRODUCTS

Moisturizing & Protective

Soothing

[www.perles-gascogne.com](http://www.perles-gascogne.com)

