

# *Douglas Fir of Patagonia Essential Oil*



## 1 QUALITY CHARACTERISTICS

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<b>Production process</b>	Steam distillation
<b>Part of the plant used</b>	Needles
<b>Botanical Name</b>	<i>Pseudotsuga menziesii</i>
<b>Botanical Family</b>	Pinaceae
<b>Country of origin</b>	Argentina, Patagonia
<b>Quality</b>	100% Pure and natural

## 2 DESCRIPTION

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*Pseudotsuga menziesii*, also called Douglas Fir or Oregon pine belongs to the family of Pinaceae. This tree can live several centuries and can reach 90 meters and 4,5 meters circumference. Its wood has good technical characteristics especially for outdoor construction. Native of the West Coast of North America, it is spread between the United States and Canada, and is also found in the South of the Argentina, in the Patagonia. This species has been planted a lot in the Patagonia during campaigns of reforestation, in the areas of transition between the Andes and the steppes. It is cultivated at a large scale in the southern Andes of Argentina (Latitude 42. S). They are the needles of this Douglas Fir of Patagonia that by steam distillation, give the essential oil.

## 3 USES

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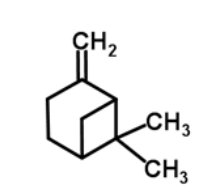
This Patagonian variety is widely used in USA and Europe for aromatherapy and also for fragrances of new cosmetics.

This information is given for informational purposes, it could not constitute a medical information, or engage our responsibility. For any use of the essential oil in a therapeutic purpose, consult a doctor.

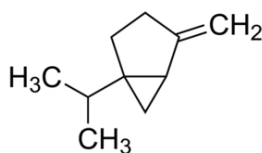
Regarding aromatherapy, with its expectorant properties, this oil is indicated in case of respiratory problems. Atmospheric purifying, this oil prevent bacteria, fungus and virus from developing in the air. It has a stimulating effect on the lymphatic system. Moreover this oil is an insects and parasites repellent.

## 4 MAIN COMPONENTS

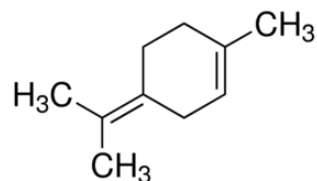
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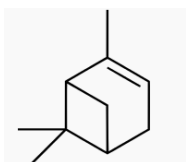
Beta-pinene



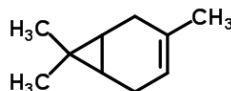
Sabinene



Terpinolene



Alpha-pinene



Delta-3-carene

## 5 BIBLIOGRAPHY

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Danièle Festy, *Ma bible des huiles essentielles*, Editions Leduc.s, 2016.

Mónica Diana Romero Márquez, *Plantas aromáticas, tratado de aromaterapia científica*, Editorial Kier, 2004.

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