

# Siberian pine Russia

*Abies sibirica*

## ESSENTIAL OIL

### ABOUT SIBERIAN PINE

The Siberian fir is a slow-growing fir that can reach 50 meters in height and has a pyramidal shape. Its horizontal branches start at ground level and rise into a conical crown. The evergreen foliage is composed of small, flat, soft needles that form brushes along the branches. The underside of these light-green needles is streaked with two white stripes. The Siberian fir grows naturally in the mountainous and northern regions of Russia. Since introduced in Europe, mainly Finland, it prefers an altitude ranging from 1,900 to 2,400 meters. It is extremely robust and can withstand temperatures down to  $-50^{\circ}\text{C}$ .

Among the peoples of the North, the fir was the tree of rebirth and a symbol of feminine fertility. Nordic traditions, combined with pagan rituals, then became associated with Christian practices, ultimately leading to the tree's becoming the emblem of the nativity celebrations.

The luxuriant branches are harvested and distilled from late winter until August, when they contain the highest concentration of essential oil.



These applications are given for information only



**WOODY  
Conifer**

### THE FRAGRANCE

Fir essential oil is often paired with fresh, minty notes and is therefore often found in colognes, chypres, or fougères. Its turpentic and woody facets also blend with woody and dry notes, like a cedar.

### WELL-BEING APPLICATIONS\*

Decongestant and respiratory antiseptic, antispasmodic, antiinflammatory. Respiratory soothing.

\*These aromatherapeutic properties are excerpted from specific works and are provided for information purposes only. They are not, under any circumstances, to be considered sufficient as a basis for any health claim or diagnosis for purposes of therapeutic application.

167 kg  
of siberian pine  
leafy twigs

Steam distillation  
 $\eta = 0,6 \%$

1 kg  
of essential oil



## Harvest calendar

J F M A M J J A S O N D

## Traceability

| Country | Region | Delimited collection area | Tree |
|---------|--------|---------------------------|------|
|---------|--------|---------------------------|------|

## OLFACTORY PROFIL

Woody, conifer, piny, fresh, resinous.

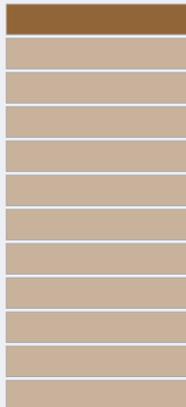
Head

Heart

Base

## TENACITY

1 hour  
2 hours  
3 hours  
6 hours  
1 day  
2 days  
3 days  
4 days  
1 week  
2 weeks  
3 weeks  
1 month



\* Tenacity of characteristic notes

## GLOBAL DATA

CAS TSCA: 8021-29-2  
CAS EINECS: 91697-89-1  
EINECS : 294-351-9  
FEMA: 2905  
FDA: 172.510  
CoE: 5n  
INCI: Abies sibirica oil

Resource: Cultivated  
Processed plant part: Leafy twigs

Transformation process: Steam distillation  
Appearance: Colorless to light yellow liquid  
Main constituents: Bornyl acetate (<35%),  
pinenes, camphene, delta-3-carene  
Active constituents: Bornyl acetate, pinenes,  
camphene



ALBERT VIEILLE