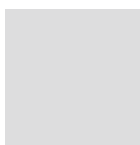




CANADIAN NATURALS

# Black Spruce Oil

*Picea mariana* - Canada



## DESCRIPTION

Black Spruce essential oil is sourced from Northeastern Canada, throughout numerous regions of Quebec. This oil is obtained from the needles and twigs of the *Picea mariana* tree through steam distillation. It is a colorless to pale yellow liquid with a typical coniferous scent, soft and slightly sweet.

## OLFACTIVE PROFILE

Woody, resinous, slightly sweet.



Woody



Fresh

## FLAVOR PROFILE

Food grade.

## DETAILS

### Botany:

*Picea mariana*, is an evergreen coniferous member of the Pinaceae family. It can reach heights between 8 to 20 meters. The bark is thin, scaly and grayish brown. The needles are long, stiff, four-sided, dark bluish green on the upper sides and paler glaucous green below. Black Spruce forms dense clusters, stopping sunlight from reaching the ground, therefore creating a thick moss layers on the soil below.

### Ethnobotany:

Black Spruce was reportedly employed medicinally by many Indigenous Peoples for numerous pathologies. For example, the Cree people used it as an anti-diarrheal agent while the Innu prepared it as an infusion for the throat. This tree is largely used in the Pulp and Paper industry since its fibres are relatively soft. Black Spruce has traditionally been used to prepare spruce beer beverages.

### Uses:

Applications include fine fragrance, cosmetics, flavour/food and aromatherapy.



cedarome

# TECHNICAL SHEET

**Botanical name:** *Picea mariana*

**Botanical family:** Pinaceae

**Accepted synonyms:**

**Common names:** Black Spruce, Canadian Black Pine

**Origin:** Northeastern Canada, Quebec

**Source:** Canada

**Cultivation method:** Cultivated and Wild harvested

**Harvest period:** April to January

**Plant part used:** Needles and twigs

**Method of extraction:** Steam distillation

**Main components:** *l*-Bornyl Acetate, Camphene,  $\alpha$ -Pinene,  $\delta$ -3-Carene

**CAS:** 8008-80-8 / 91722-19-9

**INCI:** Picea mariana needles oil

**FEMA:** 3034

**EC:** 294-420-3

**Appearance:** Colorless to pale yellow liquid with a characteristic odor

## Certifications and Declarations:



- Certificate of Analysis
- Safety Data Sheet
- Food Grade Statement
- Natural Statement
- Origin Statement
- GMO Free
- Allergen
- No Animal Testing
- Prop 65

## SOURCES

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