



CANADIAN NATURALS

Western Red Cedar Oil

Thuja plicata - Canada



DESCRIPTION

Thuja plicata is an essential oil sourced from the northwestern part of Canada along the Pacific Coast. This oil is obtained from the needles and twigs of the Western Red Cedar tree through steam distillation. It is a colorless to pale yellow liquid with a woody and aromatic scent.

OLFACTIVE PROFILE

Woody, thujonic, fresh, herbaceous.



Woody



Fresh

FLAVOR PROFILE

Not Food grade.

DETAILS

Botany:

Thuja plicata, is an evergreen coniferous member of the Cupressaceae family. It can reach heights between 3 to 7 meters, and is the largest tree in the Cypress family. Its lifespan is exceptional since the oldest trees can reach 800 years. It features horizontal branching with sprays of scale-like dark green aromatic foliage, its bark is reddish-brown with small, upright, light brown seed cones.

Ethnobotany:

Designated as the Tree of Life due to its exceptional longevity, the Red Cedar is considered one of the oldest trees existing on the American continent. It also takes its name Tree of Life because the First Nations used it as an inexhaustible source of topical care. Moreover, its red wood, light and soft and practically rotproof was used by the Native Peoples to build their homes, their canoes and carve totems.

Uses: Applications include fine fragrance and cosmetics.

TECHNICAL SHEET

Botanical name: *Thuja plicata*

Botanical family: Cupressaceae

Accepted synonyms: Arborvitae, Western Red, Giant Thuja, Giant Red Cedar

Common names: Red Cedar

Origin: Pacific Coast of North America

Source: Canada

Cultivation method: Wild harvested

Harvest period: May to October

Plant part used: Leaves and twigs

Method of extraction: Steam distillation

Main components: Thujone, Sabinene, Camphene, α -Pinene, *l*-Limonene, Terpinen-4-ol

CAS: 68917-35-1 / 8000-27-9

INCI: Thuja plicata leaf oil

FEMA: 2267

EC:

Appearance: Colorless to pale yellow liquid with a characteristic odor

Certifications and Declarations:



- Certificate of Analysis
- SDS
- Pure & Natural
- Origin Statement
- GMO Free
- Allergen
- No Animal Testing
- Prop 65

SOURCES

Native American ethnobotany, from Daniel Moerman (1998), (I.book 2014)

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Field guide to Eastern trees, from Georges A. Petrides (1998)

NAET Database, 2003. Native American Ethnobotany Database, Michigan, MI, USA. (<http://naeb.brit.org/>).

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USDA, NRCS. 2019. The PLANTS Database (<http://plants.usda.gov>, 29 January 2019). National Plant Data Team, Greensboro, NC 27401-4901 USA.



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