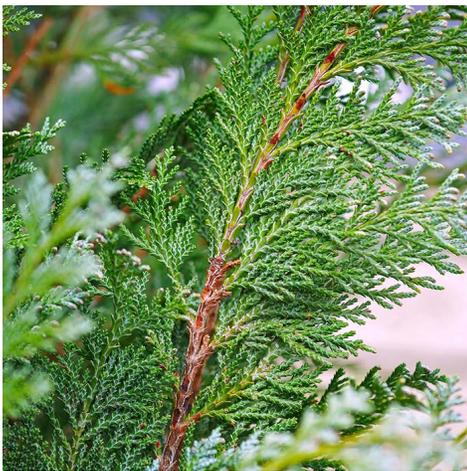




CANADIAN NATURALS

# 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 North American continent. It also takes its name as the Tree of Life because the Indigenous Peoples used it as an inexhaustible source of topical care. Moreover, its red wood; light, soft and practically rot-proof, was used by the Indigenous People to build their homes and canoes, and to 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,  $\alpha$ -Pinene, *l*-Limonene, Terpinen-4-ol

**CAS:** 68917-35-1 / 94334-32-4

**INCI:** Thuja plicata leaf oil

**FEMA:** Not applicable

**EC:** 305-105-8

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

## Available Certifications and Declarations:



- Certificate of Analysis
- Safety Data Sheet
- Natural Statement
- Origin Statement
- GMO-Free
- Fragrance allergens
- No Animal Testing
- Prop 65

## SOURCES

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