

DOUGLAS FIR NZ ESSENTIAL OIL – SAFETY DATA SHEET

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

PRODUCT IDENTIFIER

Product Name	Douglas Fir NZ Essential Oil
INCI Name	Pseudotsuga Menziesii Branch/Leaf Oil
CAS Number	97926-19-7 / 8050-89-3



DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Registered distributor company name	Pure Ingredients	Pure Nature
Address	626A Rosebank Road, Avondale 1026	626A Rosebank Road, Avondale 1026
Telephone	+64 9 813 5619	+64 9 813 9412
Website	www.pureingredients.co.nz	www.purenature.co.nz
Email	compliance@pureingredients.co.nz	info@purenature.co.nz

EMERGENCY TELEPHONE NUMBER

Association / Organisation	0800 CHEMCALL / 0800 243 622 (24hr)
Emergency telephone numbers	111
Other emergency telephone numbers	0800 764 766

SECTION 2 HAZARDS IDENTIFICATION

HSNO Hazard Classification	Flammable Liquids Category 3 Skin Irritant Category 2 Eye Irritant Category 2 Aquatic Environment Chronic Category 3	3.1C 6.3A 6.4A 9.1C
Hazard Nature	This product is classified as HAZARDOUS under HSNO criteria	
Pictogram(s)	 	
Signal Word	WARNING	
Hazard Statement(s)	Flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.	
Prevention Statements(s)	Keep away from heat/sparks/open flames and hot surfaces. No smoking. Keep container tightly closed.. Ground/bond container and receiving equipment. Use explosion proof electrical equipment / ventilation and lighting. Take precautionary measures against static discharge. Wear protective gloves and eye/face protection. Wash hands thoroughly after handling. Contaminated clothing should not be allowed out of the work place.	
Response Statement(s)	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs get medical attention. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists get medical attention. IF SWALLOWED: Do not induce vomiting. If you feel unwell call a POISON CENTRE/Doctor. IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing until recovered. If exposed or concerned: get medical advice/attention.	
Storage Statement(s)	Store in a well ventilated place. Keep cool.	
Disposal Statement(s)	Nil	

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

% [volume/weight]	INCI Name	CAS No.
100	Pseudotsuga Menziesii Branch/Leaf Oil	97926-19-7 / 8050-89-3

DOUGLAS FIR NZ ESSENTIAL OIL – SAFETY DATA SHEET

SECTION 4 FIRST AID MEASURES

Skin: Remove/take off immediately all contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs get medical attention. Wash contaminated clothing before reuse.

Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists get medical attention.

Ingestion: Do not induce vomiting. If you feel unwell call a POISON CENTRE/Doctor.

Inhalation: Move to fresh air and keep at rest in a position comfortable for breathing until recovered. If exposed or concerned: get medical advice/attention/

SECTION 5 FIREFIGHTING MEASURES

Flammability: Flammable liquid and vapour.

Extinguishing media: Use foam/dry power or CO₂ extinguisher as appropriate for surrounding materials. Prevent contamination of drains or water ways.

Hazardous Combustion products: Carbon and nitrogen oxides may be formed.

Fire Fighting Instructions: Containers may explode when heated. Vapours may form explosive mixtures with air. If safe to do so, move undamaged containers from fire area. Cool container with water spray until well after fire is out.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Absorb spill with sand or similar. Collect and place in sealable containers for disposal. Prevent spill from entering storm water and sewer drains and watercourses.

SECTION 7 HANDLING AND STORAGE

Safe Handling

Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in work areas. Ground/bond container and receiving equipment. Use explosion proof electrical equipment/ventilation/lighting. Take precautionary measures against static discharge. Wear protective gloves and eye/face protection. Wash hands thoroughly after handling.

Storage

Store in a well ventilated place. Keep cool. Ensure containers are labelled, protected from physical damage and sealed when not in use.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS

No exposure limits set for this product or its ingredients in the Workplace exposure standards and biological indices (12th Edition, November 2020, WorkSafe).

Ventilation: Ensure adequate ventilation – optimise natural airflows. Use explosion proof electrical equipment/ventilation/lighting.

PERSONAL PROTECTION

Wear protective gloves and eye/face protection.

Contaminated work clothing should not be allowed out of the workplace.

Eyes/Face: Splash resistant safety glasses with side shields or safety goggles (AS/NZS 1337)

Skin: Use butyl rubber or nitrile rubber gloves. The glove material must be impermeable and resistance to the product/ the substance/ the preparation (in accordance with AS/NZS 2161). Consult your glove supplier for specific product information.

Respiratory: Not required under the recommended storage and handling conditions. In case of inadequate ventilation, wear an approved respirator with organic solvent vapour filters. Respiratory protection should comply with AS/NZS 1716 and maintained with AS/NZS 1715.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear – pale yellow oil	Vapour pressure	Not available
Odour	Pine	Vapour density	Not available
Odour threshold	Not available	Relative density @25°C	0.86 g/cm ³
pH	Not available	Solubility	Not soluble in water
Melting/freezing point	Not available	Partition coefficient	Not available
Boiling point & range	Not available	Auto-ignition temperature	Not available
Flash point	46°C	Decomposition temperature	Not available
Flammability	Flammable liquid and vapour	Kinematic viscosity	Not available
Upper/lower flammability	Not available	Particle characteristics	N/A

SECTION 10 STABILITY AND REACTIVITY

Stability: Product is considered stable.

Reactivity: Hazardous polymerisation will not occur.

Conditions to avoid: Heat, sparks and flames. Avoid high temperatures.

Incompatible materials: Oxidising agents.

Hazardous decomposition products: Carbon and nitrogen oxides may be formed.

DOUGLAS FIR NZ ESSENTIAL OIL – SAFETY DATA SHEET
SECTION 11 TOXICOLOGICAL INFORMATION
Acute Exposure

Summary: Product causes skin and eye irritation.
Skin: Causes irritation. May cause or inflammation or irritation of pre-existing skin conditions.
Eyes: Causes serious eye irritation.
Ingestion: May cause gastrointestinal irritation and upset.
Inhalation: May cause respiratory irritation in susceptible people.
Aspiration Hazard: Not determined.

Chronic Exposure

Summary: No data available.
Respiratory or Skin sensitisation: Classification not assigned.
Mutagenicity: Classification not assigned.
Carcinogenicity: Classification not assigned.
Reproductive Toxicity: Classification not assigned.
Specific Target Organ Toxicity (STOT): Classification not assigned.

SECTION 12 ECOLOGICAL INFORMATION

Harmful to aquatic life with long lasting effects.

Persistence in environment: No data available
Biodegradability: No data available
Mobility: No data available
Ecotoxicological data: No data available

SECTION 13 DISPOSAL CONSIDERATION

Product is hazardous. Do not allow into drains, sewers or watercourses. Bulk or contaminated product may be disposed of through an approved hazardous waste contractor. Disposal waste contractors must comply with the New Zealand Hazardous Substances (Disposal) Notice 2017. Small quantities may be disposed of through normal household / commercial waste removal facilities. Containers may only be recycled if clean and free of residue so as to be non-hazardous.

SECTION 14 TRANSPORT INFORMATION

Transport	Road & Rail	Marine	Air
UN number	1272	1272	1272
UN proper shipping name	Pine Oil	Pine Oil	Pine Oil
Transport hazard class(es)	3	3	3
Packing group	III	III	III

SECTION 15 REGULATORY INFORMATION

HSNO approval number | HSR002495
 All ingredients listed in the NZIoC.

SECTION 16 OTHER INFORMATION

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.

Reference: supplier's SDS.
 Version: 00 Revision Date: 08/05/2023. New PIL – SA310 07112022