

Material Safety Data Sheet

SECTION 1: Product and Supplier Identification

Product Name: Fir Needle Essential Oil Siberian

Botanical Name: Abies sibirica

CAS Number: 8021-29-2

EC Number: 294-351-9

Product Use: Fragrance, aromatherapy, cosmetic, and personal care ingredient.

Origin: Russia/Kazakhstan

Supplier: Botanic Planet Canada Inc.

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Section 2: Hazard Identification

GHS Classification



Skin Irritation – Category 2

Skin Sensitization – Category 1

Eye Irritation – Category 2A

Aspiration Hazard – Category 1

Signal Word: Danger

Hazard Statements

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H410 Very toxic to aquatic life with long-lasting effects

Precautionary Statements

P261 Avoid breathing dust/fumes/gas/mist/vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.

P370+P378 In case of fire: Use ... to extinguish.

P391 Collect spillage.

P321 Specific treatment (see ... on this label).

P362 Take off contaminated clothing.

P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS No.	EC No.	Concentration (% w/w)
Camphene	79-92-5	—	20–25%
Alpha-Pinene	80-56-8	—	10–20%
Delta-3-Carene	13466-78-9	—	10–20%
Limonene	138-86-3	—	5–10%
Beta-Pinene	127-91-3	—	1–5%
Borneol	507-70-0	—	1–5%
trans-Beta-Caryophyllene	87-44-5	—	1–5%
Terpinolene	586-62-9	—	1–5%
Myrcene	123-35-3	—	1–5%
Alpha-Bisabol	72691-24-8	—	0.1–1%
Geranyl Acetate	105-87-3	—	0.1–1%
Alpha-Phellandrene	99-83-2	—	0.1–1%
Alpha-Terpinene	99-86-5	—	0.1–1%
Gamma-Terpinene	99-85-4	—	0.1–1%

Section 4: First Aid Measures

Eye Contact: Immediately flush with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

Skin Contact: Remove contaminated clothing. Wash affected area thoroughly with soap and water. Seek medical advice if irritation or allergic reaction develops.

Inhalation: Move to fresh air. Obtain medical attention if symptoms persist.

Ingestion: Do not induce vomiting. Immediately seek medical attention or contact a poison center.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media

Carbon dioxide (CO₂)

Dry chemical powder

Alcohol-resistant foam

Water spray for cooling containers

Specific Hazards

Combustible liquid.

Burning may produce carbon monoxide, carbon dioxide, and irritating fumes.

Protective Equipment

Self-contained breathing apparatus (SCBA).

Full protective firefighting clothing.

Section 6: Accidental Release Measures

Eliminate all ignition sources.

Ensure adequate ventilation.

Absorb with inert material such as sand or vermiculite.

Collect into suitable containers for disposal.

Prevent release into drains and waterways.

Section 7: Handling and Storage

Handling

Avoid contact with eyes and skin.

Use in well-ventilated areas.

Keep away from heat, sparks, and open flames.

Storage

Store tightly closed in original containers.

Keep in a cool, dry, well-ventilated place.

Protect from direct sunlight.

Section 8: Exposure Controls / Personal Protection

Engineering Controls

Provide adequate ventilation.

Personal Protective Equipment

Safety glasses or chemical goggles.

Chemical-resistant gloves.

Protective clothing as required.

Section 9: Physical and Chemical Properties

Appearance Colorless to light yellow clear liquid

Odor Characteristic sweet woody odor

Solubility Insoluble in water

Specific Gravity (@25°C) 0.9037

Refractive Index (@20°C) 1.4667

Section 10: Stability and Reactivity

Chemical Stability: Stable under recommended storage conditions.

Conditions to Avoid

Heat

Open flames

Strong oxidizing agents

Hazardous Decomposition Products

Carbon monoxide

Carbon dioxide

Irritating organic vapors

Section 11: Toxicological Information

May cause skin irritation.

May cause allergic skin reactions in sensitive individuals.

Vapors may cause mild respiratory irritation at high concentrations.

Aspiration into lungs may cause serious injury.

Section 12: Ecological Information

Avoid uncontrolled release into the environment.

May be harmful to aquatic organisms.

Not readily soluble in water.

Section 13: Disposal Considerations

Dispose of contents and container in accordance with local, regional, and national regulations.

Section 14: Transport Information

UN Number: Not regulated (small quantities may vary by transport mode and packaging)

Proper Shipping Name: Essential Oil

Transport Hazard Class: Refer to applicable transportation regulations.

Section 15: Regulatory Information

This product should be handled in accordance with applicable local, regional, and national regulations governing chemical products.

Section 16: Other Information

Product: Fir Needle Essential Oil



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