

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Fir Balsam Essential Oil

Botanical name : Abies balsamea

FEMA : 2115

INCI name : Abies Balsamea (Balsam Canada) Needle Oil

CAS # : 8021-28-1

Country of Origin : Canada

EINECS # : 285-364-0

Product use : Domestic and Industrial

Supplier : Canwax

Address : 114 Lindgren Rd W Unit 1B Huntsville, ON P1H 1Y2

Fax :

Telephone number : 705-789-1002

Emergency phone number : (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

GHS Classification
 Flammable Liquids
 (Category 3)

GHS Label elements, including precautionary statements



Signal :

2. HAZARDS IDENTIFICATION

Emergency Overview

WHMIS Classification

B3	Combustible Liquid	Combustible Liquid
D2A	Respiratory Sensitizer	Respiratory Sensitizer

Warning

Hazard statement(s)

H226 Flammable liquid and vapour.

Precautionary statement(s)

HMIS Classification & Potential Health Effects

HMIS Ratings

Health Hazard – 0; Fire Hazard – 2; Reactivity – 0.

Inhalation

May cause irritation of respiratory tract.

Skin

May cause skin irritation.

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P233 Keep container tightly closed.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources
P303 + 361 + 353 IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with plenty of water.

Eyes

May cause eye irritation

Ingestion

May be harmful if swallowed.

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Alpha-pinene			14 - 18%
Limonene			12 - 20%
L-Bornyl Acetate			5 – 10%

4. FIRST AID MEASURES

Eye contact

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

Inhalation

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

Ingestion

Seek medical attention or contact local poison control center.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Foam. Dry Powder. Carbon dioxide.

Unsuitable extinguishing media Water spray, water jet.

Special protective equipment and precautions for fire-fighters

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or its combustible products

Hazardous decomposition products may be formed at extreme heat or if burned.

Resulting gases Carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and materials for containment and cleaning up

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

7. HANDLING AND STORAGE

Precautions for safe handling

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

Conditions for safe storage, including any incompatibilities

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes

Use tightly sealed goggles.

Skin

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

Respiratory

In case of insufficient ventilation, wear suitable respiratory equipment.

Ingestion

Not for ingestion.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Pale yellow to greenish liquid.

Odor	:	Characteristic sweet woody scent of pine.
Flash point	:	43.3 °C
Relative density	:	0.87 – 0.88 @ 20°C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.470 – 1.500 @ 20°C

10. STABILITY AND REACTIVITY

Reactivity

This material presents no significant reactivity hazard.

Chemical stability Chemically stable.

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to avoid

Avoid sparks, flame and other heat sources.

Incompatible materials Strong oxidizing agents.

Hazardous decomposition products Carbon Oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

LD50 Oral - Rat - > 5,000 mg/kg

LD50 Dermal - Rabbit - > 5,000 mg/kg

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as confirmed human carcinogen by IARC. probable, possible or

ACGIH

No component of this product present at levels greater than or equal to 0.1% is identified as a potential carcinogen by ACGIH. carcinogen or

Chronic toxicity

May cause allergic reactions on skin.

Reproductive toxicity

No adverse effects on reproduction are known.

Inhalation

May slightly irritate the respiratory tract. May be harmful if inhaled.

Skin contact

Adverse skin effects should be prevented by normal care and personal hygiene.

Eye contact

Possible irritation should be prevented by wearing safety glasses.

Ingestion

May be harmful if swallowed.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Avoid any pollution of ground, surface or underground water.

Persistence and degradability Not available.

Mobility in soil Not available.

Other adverse effects Not available.

13. DISPOSAL CONSIDERATION

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

14. TRANSPORT INFORMATION**UN Number**

1169

UN proper shipping name

Extracts, aromatic, liquid

Transport hazard class

3

Packing group

III

US DOT Shipping Description (Land) 1169

Proper shipping name

Extracts, aromatic, liquid

Class

3

Packaging group

III

IMO-IMDG Shipping Description (Sea) 1169

Proper shipping name

Extracts, aromatic, liquid

Class

3

Packaging group

III

IATA Shipping Description (Air)

1169

Proper shipping name

Extracts, aromatic, liquid

Class

3

Packaging group

III

15. REGULATORY INFORMATION

WHMIS Classification

B3 - Combustible Liquid, D2A - Respiratory sensitiser

GHS Hazard Statements See

Section 2.

GHS Precautionary Statements See

Section 2.

16. OTHER INFORMATION

Revision date : February 26, 2016