

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Fir Balsam Essential Oil
Botanical name	:	Abies balsamea
INCI name	:	Abies Balsamea Needle Oil
CAS #	:	8024-15-5
Country of Origin	:	Canada
EINECS #	:	285-364-0
Product use	:	Domestic and Industrial
Supplier	:	New Directions Aromatics Inc.
Address	:	6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9
Fax	:	905-362-1926
Telephone number	:	905-362-1915
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

- Flammable Liquids - Category 3
- Skin Corrosion/Irritation - Category 2
- Aspiration hazard - Category 1
- Carcinogenicity - Category 2
- Hazardous to the aquatic environment (chronic) - Category 4
- Skin sensitization - Category 1

GHS Label elements, including precautionary statements



Signal: Danger

Hazard statement(s)

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H304	May be fatal if swallowed and enters airways
H317	May cause an allergic skin reaction
H351	Suspected of causing cancer
H413	May cause long-lasting harmful effects to aquatic life

Precautionary statement(s)

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P362+P364	Take off contaminated clothing and wash it before reuse.
P391	Collect spillage.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P370+P378	In case of fire: Use extinguishing media listed in Section 5 of the SDS to extinguish.
P403+P235	Store in a well ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents and container in accordance with local, regional, national and/or international regulation for hazardous wastes.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P233	Keep container tightly closed.
P321	Specific treatment (see ... on this label).
P331	Do NOT induce vomiting.
P363	Wash contaminated clothing before reuse.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P308+P313	If exposed: Call a POISON CENTER or doctor/physician.
P332+P313	If skin irritation occurs: Get medical advice/attention.

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Abies Balsamea Needle Oil	8024-15-5	285-364-0	100 %

4. FIRST AID MEASURES**Eye contact**

Symptoms: Serious irritation and damage may occur (immediate), with burning, redness, pain Response: Remove contact lenses. Irrigate copiously with water for at least fifteen minutes Obtain medical advice if irritation or evidence of tissue damage persists.

Skin contact

Symptoms: Irritation (immediate or delayed). May cause an allergic skin reaction. Response: Wash with large quantities of water (or water + soap). Remove contaminated clothes and shoes. If irritation persists or any sign of tissue damage is apparent, obtain medical advice.

Inhalation

Symptoms: Mild to severe irritation of airways (immediate) Response: Remove the person to fresh air and keep at rest. Obtain medical advice immediately.

Ingestion

Symptoms: Irritation (immediate), variable effects (delayed) Response: Rinse mouth with water. Obtain immediate medical advice. Do not induce vomiting.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Recommended: Carbon dioxide, special liquid or dry powder extinguishers Usable: Foam extinguishers
Inadvisable: Direct water jet.

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.

Avoid open flames or other sources of ignition. Avoid inhalation of vapors.

Environmental precautions

To avoid a possible contamination of the environment, contain spilled material.

Methods and materials for containment and cleaning up

Cover with an inert, inorganic, non-combustible absorbent material, sweep up and remove to an approved disposal container. Dispose of in accordance with federal/national, state/provincial and local environmental regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Measures should be taken to prevent materials from being splashed into the eyes or on the skin This should include the wearing of eye shields and protective clothing Smoking should not be permitted in areas where they are handled Spontaneous combustion of certain product soaked rags has been reported Maintain adequate air circulation in the working area.

Conditions for safe storage, including any incompatibilities

Store in tightly sealed and preferably full containers in a cool, dry location. Protect from light. Check quality before use if stored for more than 6 months. Keep in suitable or original container. Storage details are in the product specifications sheet.

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 well-ventilated areas, respiratory protection is not normally required. In confined, poorly ventilated areas, it may be required.

Ingestion

Not for ingestion.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Colorless to pale yellow clear liquid.
Odor	:	Characteristic balsamic , resinous, fresh and sweet scent.
Flash point	:	43°C
Solubility (ies)	:	Insoluble in water.

10. STABILITY AND REACTIVITY

Reactivity

Product may slowly oxidize when in contact with air.

Chemical stability

Stable at normal temperatures and storage conditions.

Possibility of hazardous reactions

Not determined.

Conditions to avoid

Excessive heat, open flames or other sources of ignition.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Carbon Oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

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

Chronic toxicity

May cause allergic reactions on skin.

Reproductive toxicity

No adverse effects on reproduction are known.

Inhalation

Liquid may cause irritation of airways.

Skin contact

May causes skin irritation and may cause an allergic skin reaction.

Eye contact

Possible irritation should be prevented by wearing safety glasses.

Ingestion

May be harmful if swallowed.

12. ECOLOGICAL INFORMATION

Ecotoxicity

May cause long lasting harmful effects to aquatic life - avoid contamination of the environment.

Persistence and degradability

Not readily biodegradable.

Bio - accumulative potential

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

1197

UN proper shipping name

Extracts, liquid

Transport hazard class

3

Packing group

III

US DOT Shipping Description (Land)

1197

Proper shipping name

Extracts, liquid

Class

3

Packaging group

III

IMO-IMDG Shipping Description (Sea)

1197

Proper shipping name

Extracts, liquid

Class

3

Packaging group

III

IATA Shipping Description (Air)

1197

Proper shipping name

Extracts, liquid

Class

3

Packaging group

III

15. REGULATORY INFORMATION

California Proposition 65

• This product can expose you to beta-Mycrene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

GHS Hazard Statements

Please refer to section 2.

GHS Precautionary Statements

Please refer to section 2.

16. OTHER INFORMATION

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Disclaimer & Caution

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