

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Fir Balsam Organic Essential Oil
Botanical name	:	Abies balsamea
Synonyms	:	Saping baumier, Balsam Fir, Fir needle oil Canadian.
INCI name	:	Abies Balsamea Needle Oil
CAS #	:	85085-34-3
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 Liquid - Category 3

Skin corrosion/irritation - Category 3

Serious eye damage/eye irritation - Category 2B

GHS Label elements, including precautionary statements

Signal: Warning

Hazard statement(s)

H226 Flammable liquid and vapour.

H316 Causes mild skin irritation.

H320 Causes eye irritation.

Precautionary statement(s)

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

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P264 Wash skin thoroughly after handling.

P280	Wear protective gloves/protective clothing/eye protection/face protection.
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.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists get medical advice/attention.
P403+P235	Store in a well ventilated place. Keep cool.
P501	Dispose of contents/container according to local regulations.

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Abies Balsamea Needle Oil	85085-34-3	285-364-0	100 %

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

May irritate skin. May be harmful if absorbed through skin.

Inhalation

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

Ingestion

Rinse mouth with water. Do not induce vomiting before consulting a doctor.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Use dry chemical, carbon dioxide, water spray (fog) or foam.

Unsuitable extinguishing media

Water jet or water-based fire extinguishers.

Special protective equipment and precautions for fire-fighters

Wear proper protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special hazards arising from the substance or its combustible products

In the event of thermal decomposition or fire, vapours potentially dangerous to health may be released.

Resulting gases

Carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Wear adequate personal protective equipment.

Environmental precautions

Avoid dispersal of spilled material and run-off and contact with soil, waterways, drains and sewers.

Methods and materials for containment and cleaning up

Limit the spreading of the spillage with non-combustible material (sand, earth, etc). Move containers from

spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind.

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

Store in a well-ventilated place. Keep far away from sources of heat, naked flames and sparks other sources of ignition.

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.

Control parameters

Not available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Colorless to very pale green clear liquid.
Odor	:	Characteristic sweet pine-like Christmas scent.
Flash point	:	43.3°C
Relative density	:	0.87 to 0.88 @ 20 °C
Solubility (ies)	:	Insoluble in water.
Refractive index	:	1.47 to 1.50 @ 20 °C

10. STABILITY AND REACTIVITY

Reactivity

This material presents no significant reactivity hazard.

Chemical stability

Chemically stable.

Possibility of hazardous reactions

Under normal conditions of use and storage, hazardous reactions will not occur.

Conditions to avoid

Avoid heat and all possible sources of ignition (spark or flame).

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Under normal conditions of use and storage, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

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

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

Inhalation

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

Skin contact

May irritate skin. May be harmful if absorbed through skin.

Eye contact

May irritate eyes.

Ingestion

May be harmful if swallowed.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water.

Persistence and degradability

Not available.

Mobility in soil

Other adverse effects

13. DISPOSAL CONSIDERATION

Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. 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-Myrcene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

GHS Hazard Statements

See Section 2.

GHS Precautionary Statements

See Section 2.

16. OTHER INFORMATION

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Disclaimer & Caution

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