



SAFETY DATA SHEET (SDS)

Prepared in accordance with the Globally Harmonized System (GHS) and Regulation (EC) No. 1907/2006 (REACH, as amended)

SECTION 1: Identification

Product Name: Fir Balsam Absolute

Alternative Name: Canadian Fir Balsam Absolute

Botanical Name: *Abies balsamea* (L.) Mill.

INCI Name: *Abies Balsamea* Extract

CAS Number: 8021-28-1

EC Number: 285-364-0

Extraction Method: Solvent Extraction

Plant Part: Needles and Twigs

Origin: Canada

Product Type: Natural Absolute

Olfactory Description: Rich balsamic, coniferous, pine needle, resinous, woody, sweet and fresh.

Grade: Premium Perfumery Grade

Recommended Use: Professional perfumery, cosmetic and fragrance manufacturing.

Supplier

Aromology Trading LLC

G05 Al Ghazal Building

Nadd Al Hamar

Dubai, United Arab Emirates

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SECTION 2 – HAZARD IDENTIFICATION

GHS Classification

- Skin Sensitisation – Category 1

Signal Word

Warning



Hazard Statements

- H317 May cause an allergic skin reaction.

Precautionary Statements

- P261 Avoid breathing vapours.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear protective gloves.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P333+P313 If skin irritation or rash occurs: Get medical advice.
- P363 Wash contaminated clothing before reuse.
- P501 Dispose of contents/container in accordance with local regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Product	Fir Balsam Absolute
Botanical Name	<i>Abies balsamea</i> (L.) Mill.
INCI Name	<i>Abies Balsamea</i> Extract
CAS Number	8021-28-1
Alternate CAS	85085-34-3
EC Number	285-364-0
Purity	100% Natural Absolute

SECTION 4 – FIRST AID MEASURES

Inhalation: Move the exposed person to fresh air. Seek medical advice if symptoms persist.

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing.

Eye Contact: Rinse cautiously with water for at least 15 minutes. Seek medical attention if irritation persists.

Ingestion: Rinse mouth. Do not induce vomiting. Obtain medical advice immediately if unwell.



SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

- Carbon dioxide
- Dry chemical powder
- Alcohol-resistant foam
- Water fog

Hazardous Combustion Products

Carbon monoxide, carbon dioxide and irritating organic fumes.

Firefighters should wear self-contained breathing apparatus where appropriate.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Avoid skin contact.

Provide adequate ventilation.

Prevent release into drains and waterways.

Absorb with sand, vermiculite or other inert absorbent material and transfer to suitable disposal containers.

SECTION 7 – HANDLING AND STORAGE

Handle using good industrial hygiene practices.

Avoid prolonged skin contact.

Store tightly closed in the original container.

Protect from direct sunlight, excessive heat and oxidising agents.

Recommended Storage Temperature: 5–20 °C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION



- Chemical safety goggles
 - Nitrile gloves
 - Protective clothing
 - Adequate local ventilation
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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Typical Specification
Appearance	Dark green to dark brown viscous liquid
Odour	Fresh balsamic, resinous, pine needle, woody
Relative Density (20 °C)	0.960–1.020
Refractive Index (20 °C)	1.500–1.540
Flash Point	>93 °C
Solubility	Soluble in ethanol and perfumery solvents; insoluble in water

Published supplier data describe Fir Balsam Absolute as a very thick, resinous material with a flash point above 93 °C.

SECTION 10 – STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Heat
- Open flames
- Strong oxidising agents
- Direct sunlight

Hazardous decomposition products include carbon monoxide, carbon dioxide and irritating organic vapours.

SECTION 11 – TOXICOLOGICAL INFORMATION

May cause an allergic skin reaction.

Avoid prolonged or repeated skin contact.



No evidence of significant acute toxicity when handled according to recommended industrial practices.

SECTION 12 – ECOLOGICAL INFORMATION

Avoid uncontrolled release into the environment.

Prevent contamination of waterways and soil.

No complete ecological dataset is available for the natural absolute.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of product and contaminated packaging through an authorised waste disposal contractor in accordance with applicable local regulations.

SECTION 14 – TRANSPORT INFORMATION

Regulation	Status
UN Number	Not Regulated
ADR/RID	Not Regulated
IMDG	Not Regulated
IATA	Not Regulated

Published supplier SDS documents do not classify Fir Balsam Absolute as a regulated dangerous good for transport.

SECTION 15 – REGULATORY INFORMATION

Prepared in accordance with:

- GHS Revision 9
- OSHA Hazard Communication Standard (29 CFR 1910.1200)
- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EC) No. 1272/2008 (CLP)
- Regulation (EU) 2020/878

SECTION 16 – OTHER INFORMATION

Fir Balsam Absolute – Canada is produced by solvent extraction of the needles and twigs of *Abies balsamea*. It possesses a rich, natural conifer aroma with fresh pine needle, balsamic resin, woody and slightly sweet nuances. In fine perfumery it is widely used in forest, evergreen, fougère, woody, leather and incense accords. It blends exceptionally well with cedarwood, vetiver, oakmoss, patchouli, cypress, juniper, labdanum, frankincense, sandalwood and amber materials, adding remarkable depth, natural realism and long-lasting forest character.

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Prepared and Authorised By:

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