

SAFETY DATA SHEET (SDS)

Version 2.0

Revision Date : April 22, 2022

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Silver Fir Organic Essential Oil
Botanical name	:	Abies alba
INCI name	:	Abies Alba Leaf Oil
CAS #	:	8021-27-0 / 90028-76-5
Country of Origin	:	Bulgaria
EINECS #	:	-/289-870-2
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

Aspiration Hazard - Category 1

Skin corrosion/irritation - Category 2

Skin Sensitization - Category 1

Hazardous to aquatic environment, Long term hazard - Category 1

Serious Eye Damage/Eye Irritation - Category 2

GHS Label elements, including precautionary statements

Signal: Danger

Hazard statement(s)

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.
H319	Causes serious eye irritation
H410	Very toxic to aquatic life with long-lasting effects

Precautionary statement(s)

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
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P233	Keep container tightly closed.
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 skin 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.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P302+P352	IF ON SKIN: Wash with plenty of water.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P312	Call a POISON CENTER/ doctor/if you feel unwell.
P321	Specific treatment (see section 4 on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use appropriate fire extinguisher to extinguish.
P391	Collect spillage.
P403+P235	Store in a well ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container according to local regulations.

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Abies Alba Leaf Oil	8021-27-0 / 90028-76-5	-/289-870-2	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

Immediately wash with water and soap and rinse thoroughly. Remove contaminated clothing. If irritation occurs, get medical attention.

Inhalation

Supply fresh air. Get medical attention if symptoms appear.

Ingestion

Rinse mouth with water. Obtain medical advice, if necessary. Do not induce vomiting without medical surveillance.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Foam, ABC powder, BC powder, CO₂

Unsuitable extinguishing media

D powder, water.

Do not use water direct extinguishing.

Special protective equipment and precautions for fire-fighters

Possible discharge of toxic gases upon burning. Use protective equipment - gas mask.

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.

Ensure immediate ventilation of premises. Use personal protective equipment. Remove ignition sources.

Environmental precautions

Cover flood with inert, non-combustible materials. Collect in a suitable disposal container. Do not allow sewage leaking.

Methods and materials for containment and cleaning up

Non-organic, non-combustible sorbents such as sand, talc powder, etc.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid skin contact. Use protective equipment, glasses and gloves. General precautions: Do not smoke in the area where the product is being stored or used. Do not work with the preparation near heat sources with open flames and other combustible sources. Provide appropriate exhaust ventilation in the area where the preparation is handled and stored.

Conditions for safe storage, including any incompatibilities

Store in dry, intact, tightly-sealed containers, at cool temperatures (5-20°C) and away of sunlight. Observe good hygiene in the place of storage. Do not allow spilling of combustible materials in the storage premises.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure controls

Not required.

Eyes

Use tightly sealed goggles.

Skin

Use suitable work clothing and chemically resistant gloves.

Respiratory

Provide ventilation. The use of gas mask is not necessary.

Ingestion

Not for ingestion.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Pale Yellow clear liquid.
Odor	:	Characteristic pine, balsamically fresh.

pH	:	Not available.
Melting Point/Freezing Point	:	Not available.
Initial b.p and boiling range	:	Not available.
Flash point	:	45°C
Evaporation rate	:	Not available.
Vapor pressure	:	Not available.
Relative density	:	0.866 to 0.880 @ 20°C
Solubility (ies)	:	Insoluble in water.
Partition coefficient	:	Not available.
Refractive index	:	1.470 to 1.485 @ 20°C
Optical rotation	:	-60.0 to -30.0 @ 20°C

10. STABILITY AND REACTIVITY

Reactivity

This material presents no significant reactivity hazard.

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

Harmful gases can be discharged upon burning . See section 5.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not available.

Chronic toxicity

May cause allergic reactions on skin.

Reproductive toxicity

No adverse effects on reproduction are known.

Inhalation

Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.

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

Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting

Repeated exposure

Repeated or prolonged contact may cause redness, irritation and scaling of skin (Dermatitis).

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.

Bio - accumulative potential

Not available.

Mobility in soil

Not available.

Other adverse effects

Not known.

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

1272

UN proper shipping name

Pine oil

Transport hazard class

3

Packing group

III

US DOT Shipping Description (Land)

1272

Proper shipping name

Pine oil

Class

3

Packaging group

III

IMO-IMDG Shipping Description (Sea)

1272

Proper shipping name

Pine oil

Class

3

Packaging group

III

IATA Shipping Description (Air)

1272

Proper shipping name

Pine oil

Class

3

Packaging group

III

Emergency action in case of accident

Notify police and fire department immediately

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

Refer to Section 2.

GHS Precautionary Statements

Refer to Section 2.

16. OTHER INFORMATION

Revision date : April 22,2022

Disclaimer & Caution

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