



Snow Lotus  
47 Foley St Santa Rosa, CA 95403  
(800)682-8827 info@snowlotus.org

# SAFETY DATA SHEET

## Silver Fir

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product Identifier

Trade name: Organic Silver Fir  
Botanical name: *Abies alba miller*  
Article number:  
CAS number: 90028-76-5  
EINECS number: 289-870-2

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Fragrant, flavor substance

#### 1.3 Details of the supplier of the safety data sheet

Company ID: Snow Lotus  
47 Foley St  
Santa Rosa, CA 95401  
(800)682-8827  
info@snowlotus.org

#### 1.4 Emergency Telephone Number:

CHEMTREC: 800-424-9300

### SECTION 2: Hazard Identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1910.1200:

GHS07

Physical and chemical hazards: Flammable liquid and vapor

Human Health: May cause an allergic skin reaction  
May be fatal if swallowed and enters airways  
Causes skin irritation

Environment: Very toxic to aquatic life with long lasting effects

#### 2.2 Label Elements

Signal word: Warning

Pictograms:



Hazard Statement:

H317: May cause an allergic skin reaction  
H319: causes serious eye irritation  
H315: Causes skin irritation  
H302: Harmful if swallowed  
H226: Flammable liquid and vapor  
H304: May be fatal if swallowed and enters airways  
H410: Very toxic to aquatic life with long lasting effects.  
H411: Toxic to aquatic life with long lasting effects  
H412: Harmful to aquatic life with long lasting effects

Precautionary statements:

P210: Keep away from heat/sparks/open flames/ hot surfaces. No smoking  
P273: Avoid release into the environment  
P280: Wear protective gloves/protective clothing/eye & face protection  
P301+310: If swallowed: immediately call poison control or doctor  
P302+352: IF ON SKIN: wash with plenty of soap and water  
P501: Dispose of contents/container in accordance with local regulations

### 2.3 Other Hazards

No data available

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Name of Component	EINECS No.	CAS No.	% composition	Classification
Beta pinene	204-872-5	127-91-3	<=5,00%	H226, H304, H317, H410
Camphene	201-234-8	79-92-5	<=12,00%	H228, H319, H410
Beta phellandrene	209-081-9	555-10-2	<=12,00%	H304, H226
Alpha piene	201-291-9	80-56-8	<=41,00	H226, H304, H317, H410
D-Limonene	227-813-5	5989-27-5	<=50,00%	H226, H304, H317, H410
Delta 3 carene	236-719-3	13466-78-9	<=3,00%	H226, H304, H317, H410
Myrcene	204-622-5	123-35-5	<=3,00%	H226, H304, H410
Beta caryophyllene	201-746-1	87-44-5	<=5,00	H304
Terpinene	209-235-5	562-74-3	<=4,00	H302, H315, H319
Longifolene	207-491-2	475-20-7	<=1,00	H304, H317, H410

## SECTION 4: First Aid Measures

### 4.1 Description of first aid measures

Inhalation: Move the exposed person to fresh air if any discomfort is felt.  
Ingestion: Immediately rinse mouth and drink water. Do not induce vomiting.  
Skin contact: Wash with water and soap. Change clothes.  
Eye contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and rinse under eyelids.

#### **4.2 Most important symptoms and effects, both acute and delayed**

May cause an allergic skin reaction

#### **4.3 Indication of any immediate medical attention and special treatment needed**

Get medical attention if any discomfort is felt, and bring these instructions.

### **SECTION 5: Fire Fighting Measures**

#### **5.1 Extinguishing media**

Suitable extinguishing media: Foam, dry powder, carbon dioxide

Unsuitable extinguishing media: Water jet or fog (spray)

#### **5.2 Special hazards arising from the substance or mixture**

Possible production of toxic fumes in case of fire.

#### **5.3 Advice for the firefighters**

Move undamaged containers from immediate hazard area if it can be done safely.

Use full face, self contained breathing apparatus and appropriate protective clothing.

Do not attack the fire with water: the water instead of stifling tends to fuel the fire. Essential oils have the ability to float on water, then the fire is accelerated.

### **SECTION 6: Accidental Release Measures**

#### **6.1 Personal Precautions, protective equipment, and emergency procedures**

Avoid all flammable sources. Ventilate premises. Do not smoke.

#### **6.2 Environmental precautions**

Avoid contamination of drains, sewers, and surface water. Do not discharge on the ground.

#### **6.3 Methods and material for containment and cleaning up**

Large spills should be cleaned with inert absorbent material that will be scanned and then destroyed in accordance with existing regulations.

### **SECTION 7: Handling and Storage**

#### **7.1 Precautions for safe handling**

Avoid contact, do not inhale the vapors, do not swallow, working under a hood or suction arm. Prevent access to persons not required and not wearing protective clothing. Do not touch or walk through the product. Check for adequate ventilation.

#### **7.2 Conditions for safe storage, including any incompatibilities**

Store in original container or other container approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain residue product, do not reuse. Store in stainless steel containers or preferably amber glass. Limiting or prohibiting the hot surfaces, flames and hot gasses, mechanically generated sparks and ionizing radiation. Do not store outside.

#### **7.3 Specific end use(s)**

Comply with regulations and specifications of the product. No specific recommendations.

### **SECTION 8: Exposure controls/personal protection**

**8.1 Thermal Hazard:** Exposure to heat flow related to a fire or explosion can cause burns to varying degrees, depending on the distance at which it is located. Wearing protective equipment is essential and an appropriate self contained breathing apparatus.

#### **8.2 Breathing equipment:**

Use suitable respiratory protective device in case of insufficient ventilation.

### 8.3 Protection of skin:

impervious gloves are resistant to essential oils and comply with an approved standard is recommended. (Nitrile or polyvinyl alcohol).

### 8.4 Eye protection:

Safety glasses.

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

Appearance:	Colorless to pale yellow liquid
Odor:	Characteristic.
Odor threshold:	No data available
PH:	No data available
Melting point/freezing point:	No data available
Flash point:	32°C
Evaporation rate:	No data available
Flammability (solid,gas):	Not applicable
Upper/lower flammability explosive limits:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Relative Density (20°C)	0.860-0.870
Solubility in water:	Negligible
Partition coefficient(n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Decomposition:	No data available
Viscosity:	No data available
Refractive index:	1.470-1.480

## SECTION 10: Stability and reactivity

This product is stable to shock, vibration and pressure under normal conditions of use. In the presence of light and heat, oxidation can occur. Do not heat to high temperature. Do not expose sealed containers in the sun. keep away from sources of ignition.

## SECTION 11: Toxicological Information

Potential skin irritation. No significant effects or critical hazards for eye damage, germ cell mutagenicity, or carcinogenicity.

## SECTION 12: Ecological Information

Very toxic to aquatic organisms, resulting in long-term adverse effects.

## SECTION 13: Disposal Considerations

Do not discharge into drains or watercourses. Recycle or dispose of in accordance with prevailing regulations, preferably by a collector or an approved company. Do not contaminate the soil or water with waste, do not dispose of them in the environment. Completely empty container. Conserve or label on the container. Give to a certified disposal contractor.

## SECTION 14: Transportation Information

### Land, Maritime and aerial transport:

ADR/RID CLASS:	3
UN number:	1169
Packing group:	III
Expedition name:	extracts, aromatic, liquid

**SECTION 16: Other Information**