Appalachian Valley Natural Products
Anatolian Treasures

# SAFETY DATA SHEET

**In accordance with 29 CFR 1910.1200**

**Product:** Fir Needle EO Siberian

**Version:** 3

## 1. IDENTIFICATION

### Product Identifier

**Product identifier:** Fir Needle EO Siberian; CAS: 8021-29-2

**Other identifiers:** Abies sibirica

### Recommended use of the chemical and restrictions on use

**Product uses:** Essential Oil

### Supplier Details

**Company name:** Appalachian Valley Natural Products

**Company address:** 260 Maple St PO Box 515
Friendsville, MD 21531 - USA

**E-Mail address:** info@ordercompletion.net

**Company phone:** 301-746-4630

### Emergency telephone number

**Emergency phone:** ChemTel: 1-800-255-3924 (Domestic)

## 2. HAZARD IDENTIFICATION

### Classification

**This product is classified under 29CFR 1910.1200(d) as follows:**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Class and category of danger:** Flammable Liquid, Hazard Category 3
Skin Corrosion / Irritation Category 2
Eye Damage / Irritation Category 2B
Sensitization - Skin Category 1
Aspiration Hazard Category 1

**Signal word:** Danger

**Hazard statements:** Flammable liquid and vapour.
May be fatal if swallowed and enters airways.
Causes skin irritation.
May cause an allergic skin reaction.
Causes eye irritation.

**M factor:** None

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**Pictograms:**

**Precautionary statements:**

Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical, ventilating and lighting equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Avoid breathing vapour or dust.
Wash hands and other contacted skin thoroughly after handling.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/eye protection/face protection.
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Do not induce vomiting.
If skin irritation or rash occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.
In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
Store in a well-ventilated place. Keep cool.
Store locked up.
Dispose of contents/container to approved disposal site, in accordance with local regulations.

**Hazards not otherwise classified (HNOC)** None

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substances**

**Product identifier:** Fir Needle EO Siberian; CAS: 8021-29-2

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**Contains:**

| Name | CAS | % | GHS Classification |
|---|---|---|---|
| Camphene | 79-92-5 | 10-<20% | Flam. Sol. 2-Eye Irrit. 2B;H228-H320 |
| delta-3-Carene | 13466-78-9 | 10-<20% | Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1-Asp. Tox 1;H226-H304-H315-H317 |
| alpha-Pinene | 80-56-8 | 10-<20% | Flam. Liq. 3-Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H302-H304-H315-H317 |
| Limonene | 138-86-3 | 5-<10% | Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H304-H315-H317 |
| beta-Phellandrene | 555-10-2 | 1-<5% | Flam. Liq. 3-Asp. Tox 1;H226-H304 |
| beta-Pinene | 127-91-3 | 1-<5% | Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H304-H315-H317 |
| Terpinolene | 586-62-9 | 1-<5% | Flam. Liq. 4-Skin Sens. 1B-Asp. Tox 1; H227-H304-H317 |
| beta-Caryophyllene | 87-44-5 | 1-<5% | Skin Sens. 1B-Asp. Tox 1;H304-H317 |
| Geranyl acetate | 105-87-3 | 0.1-<1% | Skin Irrit. 2-Skin Sens. 1;H315-H317 |

The exact percentage concentrations of components are being withheld as a trade secret.

## 4. FIRST-AID MEASURES

### Description of first aid measures

**Inhalation:** Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

**Eye exposure:** Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

**Skin exposure:** IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

**Ingestion:** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

Causes eye irritation.

### Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically

## 5. FIRE-FIGHTING MEASURES

### Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

### Specific hazards arising from the chemical

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

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**Protective Equipment and Precautions for Firefighters**

In case of insufficient ventilation, wear suitable respiratory equipment.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:**

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

**Methods and material for containment and cleaning up:**

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

## 7. HANDLING AND STORAGE

**Precautions for safe handling:**

Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

**Conditions for safe storage, including any incompatibilities:**

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure guidelines**

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Other exposure guidelines**

No information available

**Exposure controls**

**Engineering measures**

Showers, eyewash stations, ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/Face and Skin Protection**

Wear protective gloves/eye protection/face protection, and suitable protective clothing

**Respiratory protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations.

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Respiratory protection must be provided in accordance with current local regulations. A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical and chemical properties**

| | |
|---|---|
| **Appearance:** | Not determined |
| **Odor:** | Not determined |
| **Odor threshold:** | Not determined |
| **pH:** | Not determined |
| **Melting point / freezing point:** | Not determined |
| **Initial boiling point / range:** | Not determined |
| **Flash point:** | 105 °F / 40.5 °C |
| **Evaporation rate:** | Not determined |
| **Flammability (solid, gas):** | Not determined |
| **Upper/lower flammability or explosive limits:** | Product does not present an explosion hazard |
| **Vapor pressure:** | Not determined |
| **Vapor density:** | Not determined |
| **Relative density:** | Not determined |
| **Solubility(ies):** | Not determined |
| **Partition coefficient: n-octanol/water:** | Not determined |
| **Auto-ignition temperature:** | Not determined |
| **Decomposition temperature:** | Not determined |
| **Viscosity:** | Not determined |

**Other information:** None available

## 10. STABILITY AND REACTIVITY

**Reactivity:**

Presents no significant reactivity hazard, by itself or in contact with water.

**Chemical stability:**

Good stability under normal storage conditions.

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**Possibility of hazardous reactions:**

Not expected under normal conditions of use.

**Conditions to avoid:**

Avoid extreme heat.

**Incompatible materials:**

Avoid contact with strong acids, alkalis or oxidising agents.

**Hazardous decomposition products:**

Not expected.

## 11. TOXICOLOGICAL INFORMATION

**Information on toxicological effects**

| | |
|---|---|
| **Acute Toxicity:** | Based on available data the classification criteria are not met. |
| Acute Toxicity Oral | 3865 |
| Acute Toxicity Dermal | Not Applicable |
| Acute Toxicity Inhalation | Not Available |
| **Skin corrosion/irritation:** | Skin Corrosion / Irritation Category 2 |
| **Serious eye damage/irritation:** | Eye Damage / Irritation Category 2B |
| **Respiratory or skin sensitisation:** | Sensitization - Skin Category 1 |
| **Germ cell mutagenicity:** | Based on available data the classification criteria are not met. |
| **Carcinogenicity:** | Based on available data the classification criteria are not met. |
| **Reproductive toxicity:** | Based on available data the classification criteria are not met. |
| **STOT-single exposure:** | Based on available data the classification criteria are not met. |
| **STOT-repeated exposure:** | Based on available data the classification criteria are not met. |
| **Aspiration hazard:** | |

**Additional Information** None available

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:**

Very toxic to aquatic life with long lasting effects.

| | |
|---|---|
| **Persistence and degradability:** | Not available |
| **Bioaccumulative potential:** | Not available |
| **Mobility in soil:** | Not available |
| **Other adverse effects:** | Not available |

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## 13. DISPOSAL CONSIDERATIONS

**Waste treatment**

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. TRANSPORT INFORMATION

**US DOT:** Not Regulated (If shipped in NON BULK packaging by ground transport) according to 49 CFR 173.150(f)(1). This material can be reclassified as NA1993, Combustible liquid, NOS if it is shipped in bulk.

| | 14.1 UN number: | 14.2 UN Proper Shipping Name: | 14.3 Transport hazard class(es): | Sub Risk: | 14.4. Packing Group: |
|---|---|---|---|---|---|
| **UN Model Regulations** | UN1197 | EXTRACTS, LIQUID | 3 | - | III |
| **US DOT** | Not classified | - | - | - | - |
| **US DOT (Bulk)** | NA1993 | COMBUSTIBLE LIQUID, N.O.S. (Camphene, delta-3-Carene) | Comb liq | - | III |
| **IMDG** | UN1197 | EXTRACTS, LIQUID (Camphene) MARINE POLLUTANT | 3 | - | III |
| **ADR,RID,ADN** | UN1197 | EXTRACTS, LIQUID | 3 | - | III |
| **ICAO TI** | UN1197 | EXTRACTS, LIQUID | 3 | - | III |

US DOT refers to domestic transport by road/rail within the 48 ground states

US DOT (Bulk) refers to domestic bulk transport by road/rail within the 48 ground states.

**Environmental hazards:** This is an environmentally hazardous substance.

**Special precautions for user:** None additional

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**

Not applicable

## 15. REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

None additional

**Additional information**

None additional

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## 16. OTHER INFORMATION

Issue date: 05/13/2024
Version: 3 Version Date: 05/13/2024

**Key to revisions:**

3 Composition/information on ingredients
Product identifier

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.