

PRODUCT: FIR NEEDLE OIL, SIBERIAN

Revision date: 03/20/2023

Version: 5

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: SIBERIAN-FIR-NEEDLE-RS-HB

Chemical name: PINE OIL (Abies Sibirica)

CAS: 8021-29-2

EC Number: 294-351-9

EC CAS Number: 91697-89-1

REACH Registration number: Substance is pre-registered. No registration number is given since the transition period for its registration has not yet expired

1.2 Uses advised against: This product is only intended for using as an ingredient in the manufacturing of mixtures.

Strongly discouraged: Not intended for the general public. Do not ingest as such.

1.3 Details of the supplier of the safety datasheet:

Scent.vn Company Limited

Email: lienhe@scent.vn

Phone: 078.531.0501

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to the Regulation (EC) No 1272/2008.

Aquatic Chronic 1 ; Aquatic Acute 1 ; Asp. Tox. 1 ; Eye Irrit. 2 ; Flam. Liq. 3 ; Skin Sens. 1 ; Skin Irrit. 2 H226;H304;H315;H317;H319;H410

Labelling according to Regulation (EC) 1272/2008

Hazard symbols



Signal Word Danger

Hazard statements:

H226-Flammable liquid and vapor.
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 statements:

P210-Keep away from heat/ sparks/ open flames/ hot surfaces. — No smoking.
P233-Keep container tightly closed.
P261-Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P273-Avoid release to the environment.
P301+P310-IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
P302+P352-IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353-IF ON SKIN (or hair): Remove/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.
P403+P235-Store in a well-ventilated place. Keep cool.
P501-Dispose of contents/container according to local legislation.

2.2 Other hazards

No Information available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Chemical name: PINE OIL
CAS number:91697-89-1
EC number:294-351-9

Hazardous constituents:

Chemical name	Content(%)	CE Number	CAS Number	Classification Regulation (EC) 1272/2008	Hazard statements*	Classification (Directive 67/548/EEC)*
CAMPHENE	≥25% and <50%	201-234-8	79-92-5	Aquatic Chronic 1;Aquatic Acute 1;Eye Irrit. 2;Flam.Sol. 2	H228;H319;H410	F,N,Xi: R11-36-50/53
DELTA-3-CARENE	≥10% and <25%	236-719-3	13466-78-9	Asp. Tox. 1;Flam. Liq. 3;Skin Sens. 1;Skin Irrit. 2	H226;H304;H315;H317	Xn: R10-38-43-65
ALPHA-PINENE	≥10% and <25%	201-291-9	80-56-8	Asp. Tox. 1;Flam. Liq3;Skin Sens. 1;Skin Irrit. 2	H226;H304;H315;H317	Xn: R10-38-43-65
LIMONENE	≥5% and <10%	205-341-0	138-86-3	Aquatic Chronic 1; Aquatic Acute 1;Flam. Liq. 3;Skin Sens 1; Skin Irrit. 2	H226;H315;H317;H410	N,Xi: R10-38-43-50/53
BETA-PINENE	≥1% and <5%	204-872-5	127-91-3	Asp. Tox. 1;Flam. Liq. 3;Skin Sens. 1;Skin Irrit. 2	H226;H304;H315;H317	Xn: R10-38-43-65
TERPINEOL	≥1% and <5%	202-680-6	98-55-5	Eye Irrit. 2;Skin Irrit. 2	H315;H319	Xi: R36/38

(*) See the full text of the hazard statements and risk phrases in section 16.

3.2 Mixtures

Not applicable

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

- Consumption:

Rinse mouth with water. Obtain medical advice. Keep at rest. Do not induce vomiting.
- Eye contact:

In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes and seek medical advice.
- Inhalation:

If inhaled, remove person to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxy gen. Seek immediate medical advice
- Skin contact:

Take off immediately all contaminated clothing. Thoroughly wash affected skin with soap and water. Seek medical attention if symptoms persist.

4.2 Most important symptoms and effects, both acute and delayed:

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Water spray, carbon dioxide, dry chemical powder or appropriate foam. For safety reasons do not use full water jet.

Carbon dioxide Water spray

5.2 Special hazards arising from the substance or mixture: Known or Anticipated Hazardous Products of Combustion.: Emits toxic fumes under fire conditions.

5.3 Advice for firefighters:

Other Fire Fighting Considerations:

High temperatures can lead to high pressures inside closed containers. Avoid inhalation of vapors that are created. Use appropriate respiratory protection. Do not allow spillage of fire will be poured into drains or watercourses.

Special Fire Fighting Procedures.:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Keep people away, evacuate area. Avoid inhalation of vapors; use an appropriate respirator.

6.2 Environmental precautions:

To avoid possible contamination of the environment, do not discharge into any drains, surface waters or ground waters.

6.3 Methods and material for containment and cleaning up:

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Place in covered containers using non-sparking tools and transport outdoors. Avoid open flames or sources of ignition (e.g. pilot lights on gas hot water heater). Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations.

6.4 Reference to other sections:

No information available

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

Provide suitable air extraction ventilation in the work areas. Vapors may form explosive mixtures with air. Avoid contact with the eyes, skin and clothing. Wear protective clothing and use glasses.

Observe the rules of hygiene and safety at work. Keep only in the original container

7.2 Conditions for safe storage, including any incompatibilities:

Recommended Packing Materials:

To be stored in tightly sealed and preferably full containers in cool, dry and ventilated area.

Keep in glass, suitable plastic, aluminum or lacquer-lined containers.

Storage:

Keep material away from sources of ignition (e.g. hot surfaces, sparks, flame and static discharges).

Protect from heat/overheating and light sources.

Keep away from the sources of ignition.

Keep away from incompatible materials (see section of incompatibility).

Prevent access to unauthorized persons

Do not store this material near food or drinking water.

Don't open containers under pressure.

7.3 Specific end use(s):

Usage Precautions: Smoking should not be permitted in work areas.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 Control parameters

Declaration of substances is not required.

8.2 Exposure controls

Hand Protection:	Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.
Other Personal Protective Wear	Measures should be taken to prevent materials from being splashed into the eyes or on the skin. Wear eye shields and protective clothing.
Engineering Controls-Ventilation:	Do not breathe vapors. Mechanical exhaust required. In confined or poorly ventilated areas, the use of an appropriate respiratory protection may be required.
Respiratory Protection:	In case of insufficient ventilation, use suitable respiratory equipment. In the case of brief exposure, use a device filter.
Skin Protection:	Light protective clothing recommended. Wash contaminated clothing before reuse. Avoid inhalation and contact with skin and eyes.
Eye/Face protection:	Chemical safety goggles are recommended. Wash contaminated goggles before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	LIQUID
Color:	CONFORMS TO STANDARD
Odor:	CONFORMS TO STANDARD
Density:	0,895-0,910 g/mL (20°C)
Flash point:	43 °C
Relative density	0,895-0,910 (20°C)
Water solubility	INSOLUBLE IN WATER
Solubility in other solvents	-

9.2 Additional information

No information available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No information available.

10.2 Chemical stability

No information available.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to Avoid

Excessive heat, flame or other ignition sources.

10.5 Incompatible materials

None Incompatibilities known

10.5 Hazardous decomposition products

During combustion may form carbon monoxide and unidentified organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information On Toxicological Effects

No Information Available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Acute aquatic toxicity: No information available.

12.2 Persistence and degradability: No information available.

12.3 Bioconcentration Factor: No information available.

12.4 Mobility in soil: No information available.

12.5 Results of PBT and vPvB assessment: No information available.

12.6 Other adverse effects: See also paragraphs 6, 7, 13 and 15. Do not allow to get into waste water or waterways.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal conditions

Dispose of in accordance with all federal, state and local environmental regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR)

UN No.: UN1272


Proper Shipping Name: PINE OIL (contains CAMPHENE, DELTA-3-CARENE)

Packing Group: III

Class: 3

Limited Quantities: LQ7

Packing Instructions: P001, IBC03, LP01, R001

Label: 

14.2 SEA TRANSPORT (IMDG)

UN No.: UN1272

Proper Shipping Name: PINE OIL (contains CAMPHENE, DELTA-3-CARENE)

Packing Group: III

Class: 3

Marine Pollutant: Yes

EmS Guide: F-E, S-E

Label: 


14.3 AIR TRANSPORT (ICAO/IATA)

UN No.: UN1272

Proper Shipping Name: PINE OIL (contains CAMPHENE, DELTA-3-CARENE)

Packing Group: III

Class: 3

Label: 

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health, and environmental regulations/legislation specific for the substance or mixture: No information available.

15.2 Chemical safety assessment: No information available.

SECTION 16: OTHER INFORMATION

Hazard statements

H226: Flammable liquid and vapor.

H228: Flammable solid.

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.

Key literature references and sources for data:

1. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
2. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
3. OSHA (US) 29 CFR 1910.1200 and 49 CFR, modifying the Hazard Communication Standard and aligning it with the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

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