



Snow Lotus
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SAFETY DATA SHEET

Spruce, Black Organic Oil

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

1.1 Product Identifier

INCI Name: Picea mariana leaf oil
Commercial Name: Picea Mariana Organic – Organic Black Spruce
CAS: 91722-19-9
EINECS: 294-420-3

Process used for the manufacturer of the substance:

Water steam distillation of the needle of Picea mariana and subsequent separation of the water from the essential oil. The subsequent separation is a spontaneous physical process, which normally takes place in a separator (Florentine flask) enabling an easy isolation of the separated oil.

1.2 Relevant Identified Uses of the Substances or Mixture and uses Advised Against

Fragrance

Do not use during pregnancy or breastfeeding, do not use in children younger than 30 months

1.3 Details on the Supplier of the Safety Data Sheet

Company Name: Snow Lotus
Address: 47 Foley Street
Santa Rosa, CA 95401
Phone Number: 800-682-8827
Email: info@snowlotus.org

1.4 Emergency Phone Number

CHEMTREC: 800-424-9300

SECTION 2: Hazard Identification

2.1 Classification of the Substance or Mixture

Flam. Liq. 3, Skin Sens. 1, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1

2.2 Label Elements

Signal Word: Danger

Hazard Statement

H226: Flammable liquids, Hazard Category 3
H317: Sensitization – SKIN, Hazard Category 1
H304: Aspiration Hazard, Hazard Category 1
H400: Hazardous to the aquatic environment – Acute Hazard Category 1
H410: Hazardous to the aquatic environment – Chronic Hazard Category 1

Precautionary Statement Prevention: P210, P261, P273, P280

Precautionary Statement Response: P331

Precautionary Statement Storage: P405

Precautionary Statement Disposal:



2.3 Other Hazards

SECTION 3: Composition/information on ingredients

Name: α -pinene; Name: 4,7,7-trimethylbicyclo[3.1.1]hept-3-ene and (1S,5S)-4,7,7-trimethylbicyclo[3.1.1]hept-3-ene; 10 to 20%

SMILES: CC1=CCC2CC1C2(C)C
Molecular Formula: C10 H16
EINECS Number: 201-291-9/232-077-3
CAS Number: 80-56-8/7785-26-4
Signal Words: Danger, Warning

Skin Sens. 1, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1
H317, H304, H400, H410
P261, P272, P280, P273
P302+P353, P333+P313, P321, P363, P301+P310, P331, P391
P405
P501



Name: Camphene; IUPAC name: 2,2-diméthyl-3-méthylène-bicyclo[2,2,1]heptane; 10 to 25%

SMILES: CC1(C2CCC(C2)C1=C)C
Molecular Formula: C10 H16
EINECS Number: 201-234-8
CAS Number: 79-92-5
Signal Words: Warning

Eye Irrit. 2, Aquatic Acute 1, Aquatic Chronic 1
H319, H400, H410
P264, P273, P280
P305+P351+P338, P337+P313, P391
P501



Name: Δ careen; IUPAC name: 3,7,7-trimethylbicyclo[4.1.0]hept-3-ene; 0 to 10%

SMILES: CC1+CCC2C(C1)C2(C)C
Molecular Formula: H10 H16
EINECS Number: 236-719-3
CAS Number: 13466-78-9
Signal Word: Warning

Flam. Liq. 3, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3, Aquatic Acute 1, Aquatic Chronic 1
H226, H315, H319, H335, H400, H410
P210, P233, P240, P241, P242, P243, P261, P264, P271, P273, P280
P302+P352, P303+P361+P353, P304+P340, P305+P351+P338, P312, P321, P332+P313, P337+P313, P362,
P370+P378, P391
P403+P233, P403+P235, P405
P501



Name: limonene (D,L); IUPAC name: 1-methyl-4prop-1-en-2-ylcyclohexene; 0 to 10%

SMILES: CC1=CCC(CC1)C(=C)C
Molecular Formula: C10 H16
EINECS Numbers: Dextro: 227-813-5
Laevo: 227-815-6
CAS Numbers: Dextro: 5989-27-5
Laevo: 5989-54
Signal Words: Danger, Warning

Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Eye Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1
H226, H315, H317, H319, H335, H304, H400, H410
P210, P233, P240, P241, P242, P243, P261, P264, P271, P272, P273, P280
P301+P310, P302+P352, P303+P361+P353, P304+P340, P305+P351+P338, P312, P321, P331, P332+P33,
P333+P313, P337+P313, P362, P363, P370+P378, P391
P403+P233, P403+P235, P405
P501



Name: bornyl acetate IUPAC name: ethanoate de 1,7,7-triméthyl-6-bicycque[2.2.1]heptan-2-yle; 20 to 40%

SMILES: CC(=O)OC1CC2CCC1(C2(C)C)C
Molecular Formula: C12 H20 O2
EINECS Number: 200-964-4
CAS Number: 76-49-3
Signal Word: Warning

H315, H319, H335
P261, P264, P271, P280
P302+P352, P304+P340, P305+P351+P338, P321, P332+P313, P337+P313, P362
P403+P233, P405
P501



SECTION 4: First Aid Measures

IN THE EVENT OF EXCESSIVE INHALATION

Remove the individual to fresh air and keep at rest. Obtain medical advice immediately

IN THE EVENT OF SKIN CONTACT

Wash with plenty of soap and water, take off contaminated clothing and wash before reuse. If skin irritation occurs get medical advice/attention. If skin irritation or rash occurs get medical advice/attention.

IN THE EVENT OF EYE CONTACT

Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists get medical advice/attention.

IN THE EVENT OF INGESTION

Rinse mouth with water and get medical advice.

SECTION 5: Fire Fighting Measures

5.1 Extinguishing Media

RECOMMENDED: Carbon dioxide, special liquids or dry powder extinguishers
UNABLE: Foam of halogen extinguishers
INADVISABLE: Direct water jet

5.2 Special Hazards Arising from the Substance or the Mixture

5.3 Advice for Firefighter

Closed containers may build up pressure under elevated temperatures. If possible, containers should be cooled with a water spray.

SECTION 6: Accidental Release Measures

6.1 Personal Precaution, Protective Equipment and Emergency Procedures

Prevent contact with eyes and skin. Wear eye shields or protective clothing.
Avoid inhalation of vapors.
Keep away from open fire or other sources of ignition.

6.2 Environmental Precautions

Contain spilled material to avoid a possible contamination of the environment.
Avoid any discharge in the sewer system and in natural environment.

6.3 Methods and Material for Containment and Cleaning Up

Cover with an inert, non-combustible, inorganic absorbent material.
Sweep up and remove to an approved disposal container.
And see Section 8.

SECTION 7: Handling and Storage

7.1 Precautions for Safe Handling

To avoid fire hazards, products should not be heated with exposed to open flames or other sources of ignition.
During the introduction of the ingredients into the final product, ingredients should be normally kept at relatively low temperatures.
Measures should be taken to prevent materials from being splashed into the eyes or the skin. This should include wearing eye shields and protective clothing.
Maintain adequate air circulation in the working areas.
Smoking should not be permitted in areas where the product is handled.
Materials used for cleaning up spillages should be disposed of promptly, preferably by incineration as cases of spontaneous combustion of product soaked in rags have been reported.

7.2 Storage

Store in closed containers, away from heat sources, air or light and protected from extremes of temperature.
Recommended Packaging: Lacquer lined container, glass
Packing Materials to be avoided: Iron

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

Ventilation: Provide adequate ventilation, use local exhaust fan if necessary.

8.2 Exposure Controls

Eye Protection: In general the use of safety glasses is recommended.

Hand Protection: The use of chemical resistant gloves is recommended.

Skin Protection: Usual precautions.

Respiratory Protection: In well ventilated areas, respiratory protection is not normally required; in confined poorly ventilated areas, respiratory protection may be required.

SECTION 9: Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

(a) Appearance:	Physical State: Liquid
	Color: Colorless to pale yellow
(b) Odor:	Nice, acidulous, aldehyde scent
(c) Odor Threshold:	Not determined
(d) pH:	Not determined
(e) Melting Point/Freezing Point:	Not determined
(f) Initial Boiling Point and Boiling Range:	Not determined
(g) Flashpoint:	+40°C
(h) Evaporation Rate:	Not determined
(i) Flammability (solid, gas):	Not determined
(j) Upper/Lower Flammability or Explosive Limits:	Not determined
(k) Vapor Pressure:	Not determined
(l) Vapor Density:	Not determined
(m) Relative Density:	+/-0.90
(n) Solubility(ies):	Insoluble in water, liposoluble
(o) Partition Coefficient: n-octanol/water:	Not determined
(p) Auto-Ignition Temperature:	Not determined
(q) Decomposition Temperature:	Not determined
(r) Viscosity:	Not determined
(s) Explosive Properties:	Not determined
(t) Oxidizing Properties:	Not determined

9.2 Other Information

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical Stability

Stable

10.3 Possibility of Hazardous Reactions

No data available

10.4 Conditions to Avoid

Excessive heat, open flames or other sources of ignition

10.5 Incompatible Materials

No data available

10.6 Hazardous Decomposition Products

None in normal use

SECTION 11: Toxicological Information

Information on Toxicological Effects

(a) Acute Toxicity:	No data available
(b) Skin Corrosion/Irritation:	No data available
(c) Serious Eye Damage/Irritation:	No data available
(d) Respiratory or Skin Sensitization:	No data available
(e) Germ Cell Mutagenicity:	No data available
(f) Carcinogenicity:	No data available
(g) Reproductive Toxicity:	No data available
(h) STOT-Single Exposure:	No data available
(i) STOT-Repeated Exposure:	No data available
(j) Aspiration Hazard:	No data available

Information on likely Route of Exposures

No data available

Symptoms Related to the Physical, Chemical and Toxicological Characteristics

No data available

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure

No data available

Interactive Effects

No data available

SECTION 12: Ecological Information

12.1 Toxicity

No data available

12.2 Persistence and Degradability

No data available

12.3 Bio-Accumulative Potential

No data available

12.4 Mobility in Soil

No data available

12.5 Results of PBT and vPvB Assessment

No data available

12.6 Other Adverse Effects

No data available

SECTION 13: Disposal Considerations

13.1 Waste Treatment Methods

Excessive quantities should not be permitted to enter drains, sewers or watercourses.

Dispose of in accordance with local regulations.

SECTION 14: Transport Information

14.1 UN Number: UN 1169

14.2 UN Proper Shipping Name: Extracts, Aromatic, Liquid

- 14.3 Transport Hazard Class(es):** 3
- 14.4 Packing Group:** III
- 14.5 Environment Hazards:** Hazardous to the aquatic environment:
Acute hazard, 1
Chronic hazard, 1
- 14.6 Special Precautions for User**
Store in closed containers, away from heat sources, air or light and protected from extremes of temperature.
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: T2, TP1**

SECTION 15: Regulatory Information

No chemical safety assessment has been carried out.

SECTION 16: Other Information

Indication of Changes:

New Safety Data Sheet in accordance with EC 453/2010.

Legend to Abbreviations and Acronyms Used:

EC:	European Community
INCI:	International Nomenclature of Cosmetic Ingredients
CAS:	Chemical Abstract Service
EINECS:	European Inventory of Existing Commercial Chemical Substance
Irrit:	Irritation
Sens:	Sensitization
pH:	Potential Hydrogène
STOT:	Specific Target Organ Toxicant
PBT:	Persistent Bio Accumulative Toxic Chemical
vPvB:	very Persistent very Bio-accumulative Chemical
UN:	United Nations

Biography

List of Relevant R Phrases, Hazard Statements, Safety Phrases and/or Precautionary Statements:

Xn:	Toxic
N:	Harmful for the Environment
R10:	FLAMMABLE
R43:	May cause sensitization by skin contact
R50/53:	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65:	Harmful: may cause lung damage if swallowed
S24:	Avoid contact with skin
S37:	Wear suitable gloves
S61:	Avoid release to the environment. Refer to special instructions/Safety Data Sheets
S62:	If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label
P210:	Keep away from heat/sparks/open flames/hot surfaces – no smoking
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/fume/gas/mist/vapors/spray
P264:	Wash...thoroughly after handling
P271:	Use only outdoors or in a well-ventilated area

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 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
 P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 P305+P351+P338: IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 P312: Call a POISON CENTER or doctor/physician if you feel unwell
 P321: Specific treatment (see on this label)
 P331: Do NOT induce vomiting
 P332+P313: If skin irritation occurs: get medical advice/attention
 P333+P313: If skin irritation or rash occurs: get medical/attention
 P337+P313: If eye irritation persists: get medical advice/attention
 P361: Remove/Take off immediately all contaminated clothing
 P362: Take off contaminated clothing and wash before reuse
 P370+P378: In case of fire: Use...for extinction
 P391: Collect spillage
 P403+P233: Store in a well-ventilated place. Keep container tightly closed
 P403+P235: Store in a well-ventilated place. Keep cool.
 P405: Store locked up
 P501: Dispose of contents/container in accordance with local/regional/national/international regulations