

Safety Data Sheet

PICEA MARIANA OIL (Black spruce)

In accordance with applicable US legislation (HCS 2012)
and Canadian legislation (WHMIS 2015)

Version: 1
Date: 15/06/2016
Language: EN

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

1.1. Product identifier

Product name PICEA MARIANA ESSENTIAL OIL (Black spruce)

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

Relevant identified uses Fragrant and/or flavor substance
Uses advised against Not available
INCI NAME PICEA MARIANA OIL
No CAS: 91722-19-9
EINEC Number: 91722-19-9
100% pure and natural issued from Organic Agriculture Certified by Ecocert.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Hazard classification of the chemical according to GHS (6th edition)

Hazard identification according to applicable US legislation (HCS 2012) and Canadian legislation (WHMIS 2015)

| | |
|---------------|--|
| Flam. Liq. 3 | H226 Flammable liquid and vapour. |
| Asp. Tox. 1 | H304 May be fatal if swallowed and enters airways. |
| Skin Irrit. 2 | H315 Causes skin irritation. |
| Skin Sens. 1 | H317 May cause an allergic skin reaction. |
| Eye Irrit. 2A | H319 Causes serious eye irritation. |

2.2. Label elements according to the GHS (6th edition)

Labelling elements according to applicable US legislation (HCS 2012) and Canadian legislation (WHMIS 2015)

Danger symbol



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| | |
|---|--|
| Signal word | Warning |
| Danger | 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. |
| Prevention statements | P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking. P243 Take precautionary measures against static discharge. P261 Avoid breathing dust/fume/ mist/vapours/spray. P264 Wash hands thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection. |
| Response statements | P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P331 Do NOT induce vomiting. |
| Storage statements | P403+P235 Store in a well-ventilated place. Keep cool. |
| Disposal statements | P501 Dispose of contents/container in accordance with local regulations. |
| Description of any hazards not otherwise classified | Not applicable. |
| % ingredient(s) with unknown acute toxicity | 0% |

SECTION 3: Composition/information on ingredients

| Chemical name | CAS-Nr. | Concentration (%) |
|---------------|-----------|-------------------|
| camphene | 79-92-5 | C ≤ 20% |
| α-pinene | 80-56-8 | C ≤ 15% |
| limonene | 7705-14-8 | C ≤ 5% |

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| | | |
|---------|----------|--------|
| myrcene | 123-35-3 | C ≤ 5% |
|---------|----------|--------|

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|--------------------------|--|
| General information | In general, in case of doubt or if symptoms persist, always call a doctor. Never give anything by mouth to an unconscious person. |
| Following inhalation | Move victim to fresh air. Consult a physician if you feel unwell. |
| Following skin contact | IF ON SKIN (or hair): Immediately remove contaminated clothing. Rinse skin with water / with vegetable oil. Take a shower. If irritation or rash occurs: Get medical advice. |
| Following eye contact | IF IN EYES: Rinse cautiously with vegetable oil for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| Following ingestion | IF SWALLOWED: Rinse thoroughly mouth with water. Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. |
| For emergency responders | No data available |

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

| | |
|----------|-------------------|
| Symptoms | No data available |
| Effects | No data available |

4.3. Indication of any immediate medical attention and special treatment needed

Treat according to symptoms

SECTION 5: Firefighting measures

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- 5.1. Extinguishing media** Appropriate: In case of fire: Use to extinguish:
Carbon dioxide
Dry powder
- Inappropriate: Direct water jet
- 5.2. Special hazards arising from the substance or mixture** No data available
- 5.3. Advice for firefighters** In case of fire: Wear appropriate apparatus of breathing and protective clothing

SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures** Evacuate all personnel from danger area.
Use required personal protective equipment.
Remove sources of ignition.
DO NOT smoke.
- 6.2. Environmental precautions** Avoid release to the environment.
Avoid contamination of drains, surface water and groundwater.
- 6.3. Methods and material for containment and cleaning up** Contain and collect spillage.
Use an absorbent material such as sand, ground, vermiculite, ground diatoms for waste disposal and prevention of penetration in sewers or rivers.
- 6.4. Reference to other sections** Refer to sections: 7 safe handling, 8 for personal protective equipments, 13 for disposal

SECTION 7: Handling and storage

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7.1. Precautions for safe handling

Handle as per general security regulations in a well aired working area. Keep away from heat. See instructions on the label and use glasses and protective gloves.
Contaminated work clothing should not be allowed out of the workplace.
Take precautionary measures against static discharge.
Use only non-sparking tools.
Wash hands thoroughly after handling.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
Keep container tightly closed.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
NO smoking.
Handle under low temperature.

7.2. Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place, away from heat and light.
Store locked up.
Fit according to container volume.
Use original packaging or metallic packaging with inside protective coat and avoid plastic packaging.

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Canada - Ontario

| Substance | Valeur | Unité | Type |
|-------------------------------------|--------|-------|-----------------------------|
| α -pinene N°CAS : 80-56-8 | 20 | ppm | Exposure limit (8 hours) |

8.2. Exposure controls



Appropriate engineering controls

Avoid release to the environment.

Eye/face protection: Safety glasses

Skin/hand protection: Avoid skin contact.

Protective clothing is recommended.

Contaminated work clothing should not be allowed out of the workplace.
Rubber gloves recommended.

Respiratory protection: If adequate ventilation is assured, no respiratory protection is required in general.

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Thermal hazards: No data available

Hygiene measures: Do not drink, eat or smoke near the product. Wash hands before and after handling.

Environmental exposure controls Avoid release to the environment

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|---------------------------|
| Physical state | Liquid |
| Color | Clear to yellowish liquid |
| Odour | No data available |
| Odor threshold | No data available |
| pH | No data available |
| Melting / Freezing point | No data available |
| Boiling point | 86 °C |
| Flash point | 48 °C |
| Evaporation rate | No data available |
| Flammability | No data available |
| Lower limit of flammability or explosive | No data available |
| Upper limit of flammability or explosive | No data available |
| Vapour pressure | No data available |
| Vapour density | No data available |
| Relative density | 0,91 |
| Water solubility | Insoluble |
| Solubility in other Solvents | Soluble |
| Log Kow | No data available |
| Auto-inflammability temperature | No data available |
| Decomposition temperature | No data available |
| Viscosity | No data available |
| Explosive properties | No data available |
| Oxidizing properties | No data available |
| Refractive index | 1,467 to 1,472 |
| Optical rotation | -30° to -25° |

9.2. Other information

No data available.

SECTION 10: Stability and reactivity

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| | |
|---|--|
| 10.1. Reactivity | No data available |
| 10.2. Chemical stability | Stable under normal conditions of use and storage. |
| 10.3. Possibility of hazardous reactions | Under normal conditions of stock and use, hazardous reactions will not occur. |
| 10.4. Conditions to avoid | Temperatures higher than:150°C. Do not expose sealed containers in the sun. |
| 10.5. Incompatible materials | No data available |
| 10.6. Hazardous decomposition products | Under normal conditions of stock and use, hazardous reactions will not occur. |

SECTION 11: Toxicological information

| | |
|--|--|
| Acute toxicity | DL50: > 5g/kg Species: Rat |
| Skin corrosion | No data available |
| Eye damage | No data available |
| Respiratory sensitization | No data available |
| Germ cell mutagenicity | Not identified as a mutagen. |
| Carcinogenicity | Not identified as a carcinogen. |
| Toxic for reproduction | Not identified as toxic for reproduction. |
| Unique specific toxicity | No data available |
| Repeated specific toxicity | No data available |
| Aspiration hazard | No data available |
| Listed in IARC or considered carcinogen by NTP or OSHA | No data available |
| Other information | Practical experience: none. General notes: The classification was made according to the calculation procedure of the preparation. |

SECTION 12: Ecological information

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| | |
|---|---|
| 12.1. Toxicity | Toxic to aquatic organisms, may cause adverse long-term environmental aquatic. |
| 12.2. Persistence and degradability | Biodegradable Avoid direct discharges in natural environment, waters surface, sewage or underground water |
| 12.3. Bioaccumulative potential | Not available |
| 12.4. Mobility in soil | Low mobility in soil |
| 12.5. Results of PBT and vPvB assessment | Not available |
| 12.6. Other adverse effects | Not available |

SECTION 13: Disposal considerations

The appropriate waste management of the mixture and/or its container must be determined in accordance with local regulations.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container. Give to a certified disposal contractor.

13.2. Waste code numbers/Waste identification

No data available

SECTION 14: Transport information


| | ADR | ADN/ADNR | IMDG | ICAO |
|---|-------------------------------|-------------------|-------------------|-------------------|
| 14.1. UN number | 1169 | | | |
| 14.2. UN proper shipping name | EXTRAITS AROMATIQUES LIQUIDES | | | |
| 14.3. Transport hazard class(es) | 3 | | F1 | F1 |
| 14.4. Packing group | III | | III | III |
| 14.5. Environmental hazards | No data available | No data available | No data available | No data available |

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| | | | | |
|--|---|---------------|---------------|--|
| Hazard label |  | | | |
| Classification code | F1 | | | |
| 14.6. Special precautions for user | No data available | | | |
| 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | No data available | | | |
| Other information | Not available | Not available | Not available | |

SECTION 15: Regulatory information

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

Regulation: WORLD: International Fragrance Association List (IFRA List)

| Substance | CAS | EC |
|---|-----------|-----------|
| pin-2(3)-ene | 80-56-8 | 201-291-9 |
| (±)-1-methyl-4-(1-methylvinyl)cyclohexene | 7705-14-8 | 231-732-0 |
| 7-methyl-3-methyleneocta-1,6-diene | 123-35-3 | 204-622-5 |
| camphene | 79-92-5 | 201-234-8 |
| endo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acetate | 76-49-3 | 200-964-4 |

Regulation: CA: Domestic Substances List (DSL)

| Substance | CAS | EC |
|---|-----------|-----------|
| pin-2(3)-ene | 80-56-8 | 201-291-9 |
| (±)-1-methyl-4-(1-methylvinyl)cyclohexene | 7705-14-8 | 231-732-0 |
| 7-methyl-3-methyleneocta-1,6-diene | 123-35-3 | 204-622-5 |
| camphene | 79-92-5 | 201-234-8 |
| endo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acetate | 76-49-3 | 200-964-4 |

Regulation: US: Toxic Substances Control Act Inventory List (TSCA)

| Substance | CAS | EC |
|---|----------|-----------|
| pin-2(3)-ene | 80-56-8 | 201-291-9 |
| 7-methyl-3-methyleneocta-1,6-diene | 123-35-3 | 204-622-5 |
| camphene | 79-92-5 | 201-234-8 |
| endo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acetate | 76-49-3 | 200-964-4 |

NTP, IARC, OSHA:

No data available

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California proposition 65 : Chemicals known to the state to cause cancer or reproductive toxicity

No data available

15.2. Chemical safety assessment

No data available

SECTION 16: Other information

16.1. Indication of changes (Additions, Deletions, Revisions)

Creation date: 15/06/2016

Indication on changes: First edition

16.2. Key or legend to abbreviations and acronyms

ADN/ADNR: Regulations concerning the transport of dangerous substances in barges on inland waterways.

ADR/RID: European Agreement concerns the International Carriage of Dangerous Goods by Road/ Regulations concerning the international carriage of dangerous goods by rail.

CAS No.: Chemical Abstract Service Number

16.3. Key literature references and sources for data

No data available

16.4. Methods of evaluation for the classification of mixtures

The classification of the mixture was set based on the GHS 6th edition.

16.5. Advice on any training appropriate for workers to ensure protection of human health and the environment

No data available

The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non-identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.