



SAFETY DATA SHEET

Black Spruce Oil (Canadian Spruce)

1. Identification

Product identifier

Product name Black Spruce Oil (Canadian Spruce)

Product number 19-5505-BB

Synonyms; trade names Picea mariana

CAS number 8008-80-8

Recommended use of the chemical and restrictions on use

Application Flavors Fragrance Household Products

Details of the supplier of the safety data sheet

Supplier Global Essence Inc.
 Sean Grimes
 8 Marlen Drive
 Hamilton, New Jersey 08691
 USA
 1-732-677-1100
 1-732-677-1107
 regulatory@globalescence.com

Emergency telephone number

Emergency telephone INFOTRAC 1-800-535-5053

2. Hazard(s) identification

Classification of the substance or mixture

OSHA Regulatory Status This Product is Hazardous under the OSHA Hazard Communication Standard.

Physical hazards Flam. Liq. 4 - H227

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2A - H319 Skin Sens. 1 - H317 Asp. Tox. 1 - H304

Environmental hazards Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

Label elements

Pictogram



Signal word

Danger

Black Spruce Oil (Canadian Spruce)

Hazard statements	H227 Combustible liquid. 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 and hot surfaces. No smoking. P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/ container in accordance with national regulations.
Contains	Spruce Oil

3. Composition/information on ingredients

Mixtures

Spruce Oil CAS number: 8008-80-8 M factor (Acute) = 1 M factor (Chronic) = 1	100.0%
Classification Flam. Liq. 4 - H227 Skin Irrit. 2 - H315 Eye Irrit. 2A - H319 Skin Sens. 1A - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	

The full text for all hazard statements is displayed in Section 16.

Ingredient notes 100% Pure & Natural

4. First-aid measures

Description of first aid measures

Inhalation	Remove affected person from source of contamination. Move affected person to fresh air at once.
Ingestion	Do not induce vomiting. Give a few small glasses of water or milk to drink. Get medical attention immediately. Never give anything by mouth to an unconscious person.
Skin Contact	Remove contaminated clothing immediately and wash skin with soap and water.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes.

Most important symptoms and effects, both acute and delayed

Inhalation	May cause an asthma-like shortness of breath.
Ingestion	May cause discomfort if swallowed.
Skin contact	Prolonged skin contact may cause redness and irritation.
Eye contact	May cause temporary eye irritation.

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5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media Extinguish with foam, carbon dioxide or dry powder.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

Hazardous combustion products Does not decompose when used and stored as recommended.

Advice for firefighters

Protective actions during firefighting Fight fire from safe distance or protected location.

Special protective equipment for firefighters Use protective equipment appropriate for surrounding materials.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

Methods and material for containment and cleaning up

Methods for cleaning up Contain and absorb spillage with sand, earth or other non-combustible material. Do not use sawdust or other combustible material. Clean contaminated objects and areas thoroughly, observing environmental regulations.

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet.

7. Handling and storage

Precautions for safe handling

Usage precautions Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame.

Conditions for safe storage, including any incompatibilities

Storage precautions Keep container tightly closed. Keep away from heat, sparks and open flame.

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

8. Exposure Controls/personal protection

Exposure controls

Protective equipment



Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

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Other skin and body protection Wear rubber apron.

Respiratory protection If ventilation is inadequate, suitable respiratory protection must be worn.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Liquid.
Color	Colorless to Pale Yellow
Odor	Characteristic.
Flash point	41°C CC (Closed cup).
Relative density	0.860 to 0.910 @ 20°C
Refractive index	1.450 to 1.490 @ 20°C

10. Stability and reactivity

Reactivity	There are no known reactivity hazards associated with this product.
Stability	Stable at normal ambient temperatures and when used as recommended.
Possibility of hazardous reactions	None if used according to storage & handling conditions & identified uses
Conditions to avoid	Avoid heat, flames and other sources of ignition.
Hazardous decomposition products	Does not decompose when used and stored as recommended.

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,000.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 5,000.0

Species Rabbit

Inhalation Vapor may irritate respiratory system/lungs.

Ingestion May cause discomfort if swallowed.

Skin Contact Prolonged and frequent contact may cause redness and irritation.

Eye contact May cause temporary eye irritation.

12. Ecological Information

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Ecotoxicity

The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

13. Disposal considerations

Waste treatment methods

General information

Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. Transport information

Road transport notes

Avoid releasing into the environment.

Rail transport notes

Avoid releasing into the environment.

Sea transport notes

Do not release into the environment.

Air transport notes

Avoid releasing into the environment.

UN Number

UN No. (IMDG)

1169 EXTRACTS, AROMATIC, LIQUID (alpha-Pinene)

UN No. (ICAO)

1169 Extracts, aromatic, liquid

UN No. (DOT)

Not regulated.

UN proper shipping name

Proper shipping name (IMDG) EXTRACTS, AROMATIC, LIQUID (alpha-Pinene)

Proper shipping name (ICAO) Extracts, aromatic, liquid

Proper shipping name (DOT) Not regulated.

Transport hazard class(es)

IMDG Class

3

ICAO class/division

3

Transport labels



Packing group

IMDG packing group

III

ICAO packing group

III

Environmental hazards

Environmentally Hazardous Substance



Special precautions for user

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IMDG Code segregation group Category A Clear of living quarters

EmS F-E, S-D

15. Regulatory information

Regulatory Status This material is Hazardous under the OSHA Hazard Communication Standard

Regulatory References 29 CFR 1910.1010 Federal Regulations (OSHA STANDARD)

16. Other information

General information FEMA# 3034
Tariff Code# 3301.29.5150
FDA# 172.510
CoE# 461

Revision comments Revised by JY

Issued by DH

Revision date 9/27/2021

Revision 4

Supersedes date 3/27/2019

Hazard statements in full H227 Combustible liquid.
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.
H400 Very toxic to aquatic life.
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Signature CREATED: 2/24/2017

NFPA - instability hazard Normally stable. (0)

NFPA - health hazard Irritation, minor residual injury. (1)

NFPA - flammability hazard Burns only if heated moderately. (2)

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.