



MATERIAL SAFETY DATA SHEET (MSDS)

According to REACH (EC 1907/2006) & CLP (EC 1272/2008)

BLACK SPRUCE CANADA EO (ORGANIC)

SECTION 1: IDENTIFICATION

Product Name: Black Spruce Canada Essential Oil (Organic)

Product Code: 02E/PICMAR

CAS Number: 8008-80-8

EC Number: 294-420-3

Product Type: Natural Essential Oil

Recommended Use:

Fragrance and aromatic raw material for industrial and professional use

Restriction:

Not for personal use in this form or concentration

Supplier:

AROMOLOGY

G05 Alghazal Building

Nadd Al Hamar

Dubai, United Arab Emirates

Email: info@aromology.com

Website: www.aromology.com

SECTION 2: HAZARD IDENTIFICATION

Classification (CLP)

- Flammable Liquid – Category 3
- Aspiration Hazard – Category 1
- Skin Irritation – Category 2
- Skin Sensitisation – Category 1
- Eye Irritation – Category 2
- Aquatic Acute Toxicity – Category 1



- Aquatic Chronic Toxicity – Category 1

Signal Word:

DANGER

Hazard Statements

- 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
 - H400 – Very toxic to aquatic life
 - H410 – Very toxic to aquatic life with long lasting effects
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Precautionary Statements

- Keep away from heat, sparks, open flames
 - Avoid breathing vapours
 - Wear protective gloves / eye protection
 - IF ON SKIN: Wash with soap and water
 - IF IN EYES: Rinse cautiously with water
 - If irritation persists: Seek medical advice
 - Avoid release to the environment
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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance

Component	CAS	Concentration
Black Spruce Essential Oil (<i>Picea mariana</i>)	8008-80-8	100%



SECTION 4: FIRST AID MEASURES

Inhalation:

Move to fresh air and keep at rest

Skin Contact:

Wash thoroughly with soap and water

Eye Contact:

Rinse carefully with vegetable oil or water and seek medical advice if irritation persists

Ingestion:

Rinse mouth. Do not induce vomiting without medical advice

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media:

Foam, dry chemical, CO₂, water spray

Hazards:

May release carbon monoxide and carbon dioxide upon combustion

Protection:

Use self-contained breathing apparatus

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Avoid inhalation and skin contact
 - Ensure adequate ventilation
 - Eliminate ignition sources
 - Absorb with inert material
 - Prevent environmental contamination
 - Dispose according to regulations
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SECTION 7: HANDLING AND STORAGE

Handling:

Avoid contact with skin and eyes

Do not inhale vapours

Use PPE and maintain hygiene



Storage:

Store in tightly closed containers
Keep away from heat and sunlight
Store in a cool, well-ventilated place

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

No specific limits established

PPE:

- Safety glasses
 - Protective gloves
 - Protective clothing
 - Respiratory mask where required
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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Physical State	Liquid
Colour	Colourless to greenish
Odour	Balsamic, green, woody
Flash Point	~43 °C
Density	0.890 – 0.920
Refractive Index	1.46 – 1.50
Solubility	Insoluble in water

(Data from supplier SDS)

SECTION 10: STABILITY AND REACTIVITY

- Stable under normal conditions
- Avoid heat above flash point
- Avoid oxidising agents



- No hazardous decomposition expected
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SECTION 11: TOXICOLOGICAL INFORMATION

- LD50 oral: >5000 mg/kg
 - LD50 dermal: >5000 mg/kg
 - Non-irritant at low concentrations
 - Non-sensitising at low concentrations
 - Non-phototoxic
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SECTION 12: ECOLOGICAL INFORMATION

- Very toxic to aquatic life
 - Avoid environmental release
 - No detailed biodegradation data available
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SECTION 13: DISPOSAL CONSIDERATIONS

Dispose as hazardous waste in accordance with local regulations.
Do not release into drains or environment

SECTION 14: TRANSPORT INFORMATION

Parameter	Value
UN Number	1197
Proper Shipping Name	Extracts, Liquid
Class	3
Packing Group	III
Marine Pollutant	Yes

✓ Classified for transport



SECTION 15: REGULATORY INFORMATION

Ensure compliance with all applicable local and international regulations.
Prepared in accordance with REACH and CLP requirements

SECTION 16: OTHER INFORMATION

This MSDS is adapted from supplier documentation and reflects current regulatory data.
Information is provided for safe handling, storage, and use.