



Voyageur Soap & Candle Company Ltd.

## Safety Data Sheet

### 01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

1.1 Product Identifier					
Product Name		Spruce Oil			
Biological Definition		Picea Abies Leaf Oil is the volatile oil expressed from the needles of the Norway Spruce, <i>Picea abies</i> (L.), <i>Pinaceae</i>			
INCI Name		Picea Abies Leaf Oil			
Synonyms & Trade Names		Abies Oil			
CAS-No	91770-69-3	EC No.	294-855-9	EINECS No.	294-855-9
1.2 Relative identified uses of the substance or mixture and uses advised against					
No additional data available.					
1.3 Details of the supplier of the safety data sheet					
Voyageur Soap & Candle Company Ltd. Unit 14 - 19257 Enterprise Way, Surrey BC V3S 6J8					
1.4 Emergency Tel. No.		1(800) 424-9300 CHEMTREC			

### 02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture			
The Full Text for all Hazard Statements are Displayed in Section 16.			
Classification (EC 1272/2008)			
Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) Eye Irrit. 2 (H319) Skin Sens. 1 (H317) Aqu. Chron. 1 (H410)			
2.2 Label Elements			
Label in accordance with (EC) No 1272/2008			
GHS08	GHS09	GHS07	GHS02
Signal Word		Danger	
Contains		Delta-3-Carene, alpha-Pinene, beta-Pinene, Limonene, Camphene.	
Hazard Statements			
H226	Flammable liquid and vapour.		
H304	May be fatal if swallowed and enters airways.		
H319	Causes serious eye irritation.		
H317	May cause an allergic skin reaction.		
H410	Very toxic to aquatic life with long lasting effects.		
Precautionary Statements			
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.		

P305+P351	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P280	Wear protective gloves/protective clothing and eye/face protection.
P301+P330+P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P310	Immediately call a POISON CENTER or doctor/physician.
P273	Avoid release to the environment.
P501	Dispose of contents/container to regional, national regulation.

#### Supplementary Precautionary Statements

None

### 2.3 Other Hazards

PBT or vPvB according to Annex XIII	No additional data available
Adverse physio-chemical properties	No additional data available
Adverse effects on human health	No additional data available

## 03. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

**15-30% Limonene** CAS-No.: 5989-27-5 EC No.: 227-813-5

Classification (EC 1272/2008) Flam. Liq. 3 – H226, Skin Irrit 2 – H315 Asp Tox. 1 – H304, Skin Sens. 1 – H317  
Aquatic Acute 1 – H400, Aquatic Chronic 1 – H410

**15-25% Camphene** CAS-No 79-92-5, EC 201-234-8

Classification (EC 1272/2008); Flam. Sol. 1 – H228, Eye Irrit 2 – H319, Aquatic Acute 1 – H400

**10-20% alpha-Pinene** CAS-No.: 80-56-8 EC No.: 201-291-9

Classification (EC 1272/2008) Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Asp. Tox. 1 - H304

**2-5% beta-Pinene** Cas. No: 127-91-3 EC No: 204-872-5

Classification (EC 1272/2008); Danger, Flam. Liq. 3 – H226, Skin Sens. 1 – H317 , Asp Tox. 1 – H304, Aquatic Chronic 1 – H410

**1-5% delta-3-Carene** CAS-No.: 13466-78-9 EC No.: 236-719-3

Classification (EC 1272/2008) Danger Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Sens. 1, H317

## 04. FIRST AID MEASURES

### 4.1 Description of first aid measures

Inhalation	Do not leave affected person unattended, Remove victim out of the danger area. Provide fresh air.
Ingestion	If swallowed rinse mouth. Do NOT induce vomiting.
Skin Contact	After contact with skin, wash immediately with plenty of water and soap. Remove contaminated clothing immediately
Eye Contact	In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

<b>4.2 Most important symptoms and effects, both acute and delayed</b>
Observe risk of aspiration if vomiting occurs.
<b>4.3 Indication of any immediate medical attention and special treatment needed</b>
Treat symptomatically

## **05. FIRE-FIGHTING MEASURES**

<b>5.1 Extinguishing Media</b>
Foam Extinguishing powder Carbon dioxide (CO <sub>2</sub> ) Avoid full water jet
<b>5.2 Special hazards arising from the product</b>
B (Fires of liquids or liquid turning substances). In case of fire toxic fumes like carbon monoxide and carbon dioxide may be liberated Burning produces heavy smoke.
<b>5.3 Advice for firefighters</b>
Move undamaged containers from immediate hazard area if it can be done safely. Use suitable breathing apparatus. Regard to self protection

## **06. ACCIDENTAL RELEASE MEASURES**

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>
Wear personal protection equipment. Avoid contact with skin, eye and clothing. Remove all sources of ignition. Provide adequate ventilation. Give a warning to persons in the hazard area
<b>6.2 Environmental Precautions</b>
Do not allow to enter into surface water or drains. Cover drains. Prevent spread over a wide area (e.g. by containment or oil barriers).
<b>6.3 Methods and material for containment and cleaning up.</b>
Absorb with liquid-binding material ( e.g. sand, diatomaceous earth, acid- or universal binding agents).
<b>6.4 Reference to other sections</b>
See protective measures under point 7 and 8.

## **07. HANDLING AND STORAGE**

<b>7.1 Precautions for safe handling</b>
Provide earthing of containers, equipment, pumps and ventilation facilities. Take precautionary measures against static discharges. Wear personal protective clothing (see chapter 8). Do not breathe gas/fume/vapour/spray Use only in well-ventilated areas. When using do not eat, drink, smoke, sniff.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>
Keep container tightly closed.

**7.3 Specific end use(s)**

No additional data available.

**08. EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters**

No additional data available.

**8.2 Exposure controls**

## Protective Equipment



Process Conditions	Technical measures and the application of suitable work processes have priority over personal protection equipment.
Engineering Measures	No additional data available.
Respiratory Equipment	If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.
Hand Protection	Use solvent and acid resistant protection gloves according to EN 374. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Take recovery periods for skin regeneration.
Eye Protection	Use protection goggles according to EN166.
Other Protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	Use personal protection according to Directive 89/686/EEC.
Skin Protection	Protective work clothing solvent resistant (should be checked regularly).
Environmental Exposure Controls	Avoid discharging into drainage water. Only remove via authorised companies.

**09. PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

Appearance	liquid
Colour	Colourless to slightly yellow
Odour	Characteristic
Relative Density	0.875- 0.898 @ 20°C
Flash Point (°C)	42°C
Refractive Index	1.460 - 1.480 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water.
Auto-ignition temperature (°C)	No additional data available.

**9.2 Other information**

No additional data available.

**10. STABILITY AND REACTIVITY**

<b>10.1 Reactivity</b>
No dangerous reactions known
<b>10.2 Chemical stability</b>
Product is stable at room temperature.
<b>10.3 Possible hazardous reactions</b>
No dangerous reactions expected if used according to specifications.
<b>10.4 Conditions to Avoid</b>
Temperatures more than room temperature will benefit the transfer from liquid to vapour phase and formation of explosive atmospheres. Storing the product in open containers will benefit the formation of peroxides and derogate the quality.
<b>10.5 Incompatible materials</b>
No additional data available.
<b>10.6 Hazardous Decomposition Products</b>
No dangerous decomposition products known.

**11. TOXOLOGICAL INFORMATION**

<b>11.1 Information on toxicological effects</b>	
Acute Toxicity	Acute toxicity LD50 (oral) in mg/kg: > 5000 LD50 (dermal) in mg/kg: > 5000
Skin corrosion / irritation	No additional data available
Serious eye damage / irritation	No additional data available
Respiratory or skin sensitisation	No additional data available.
Germ Cell Mutagenicity	No additional data available
Carcinogenicity	No additional data available
Reproductive toxicity	No additional data available
STOT-single exposure	No additional data available
STOT-repeated exposure	No additional data available
Aspiration hazard	No additional data available
Photo-toxicity	No additional data available
Other Information	No additional data available

**12. ECOLOGICAL INFORMATION**

<b>12.1 Toxicity</b>
No additional data available
<b>12.2 Persistence &amp; degradability</b>
No additional data available
<b>12.3 Bioaccumulation Potential</b>
No additional data available
<b>12.4 Mobility in soil</b>
No additional data available.
<b>12.5 Results of PBT and vPvB Assessment</b>
No additional data available

**12.6 Other adverse effects**

No additional data available.

**13. DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

Hazardous waste according to waste regulation  
 Dispose according to legislation.  
 Delivery to an approved waste disposal company.  
 Non-contaminated packages may be recycled.

**14. TRANSPORT INFORMATION****14.1 UN number**

UN No. Road	1272
UN No. SEA	1272
UN No. AIR	1272

**14.2 UN proper shipping name**

PINE OIL

**14.3 Transport hazard class(es)**

ADR/RID/ADN Class: 3  
 ADR/RID/ADN Class: 3  
 IMDG Class 3  
 ICAO Class/Division

Transport Labels



EAC – 3Y  
 HIN – 30

**14.4 Packing group**

ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III

**14.5 Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant

**14.6 Special precautions for user**

See section 6 to 8.

#### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Packed and transferred according to transport regulations.

### 15. REGULATORY INFORMATION

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

##### Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

##### Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

##### EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation 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, including amendments.

#### 15.2 Chemical safety assessment

No additional information available.

### 16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	H226 H228 H304 H315 H317 H319 H410 H411	Flammable liquid and vapour. Flammable Solid May be fatal if swallowed and enters airways. Causes skin irritation May cause an allergic skin reaction Causes serious eye irritation. Very toxic to aquatic life with long lasting effects. Toxic to aquatic life with long lasting effects.
Other Information	None	
Revision Date	01/09/2021	
Reason for revision	New SDS	
Rev No/Repl, SDS Generated	01	

#### Disclaimer

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End of Safety Data Sheet