



Safety Data Sheet

Pine Needle (Scotch) Essential Oil

1. Identification of the Substance/Mixture and of the Company

Product Identifier

Product Name: Pine Needle (Scotch) Essential Oil

INCI Name: Pinus Sylvestris Leaf Oil

Botanical Name: Pinus sylvestris

CAS #: 8023-99-2 / 84012-35-1

Country of Origin: Hungary

EINECS #: - / 281-679-2

Relevant Identified Product Use

Intended Use: Compound used in customer substance/mixture/product.

Details of the Supplier of the Safety Data Sheet

Candora Soap Inc.
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London, On. N6E-1R3
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Emergency Telephone Number

(800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands

(613)-996-6666 CANUTEC 24 HOUR EMERGENCY Canada

2. Hazards Identification

2.1 Classification of the Substance or Mixture

Classification According to GHS

Flammable Liquids:	Category 3
Skin Sensitization:	Category 1
Skin Corrosion/Irritation:	Category 4
Acute Oral Toxicity:	Category 4



Safety Data Sheet

Pine Needle (Scotch) Essential Oil

Acute Dermal Toxicity:	Category 4
Acute Inhalation Toxicity:	Category 4
Serious Eye Damage/Irritation:	Category 2A
Hazardous to the Aquatic Environment – Chronic:	Category 1

2.2 Label Elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard Pictograms



Signal Word: Warning

Hazard Statements

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H411	Toxic to aquatic life with long-lasting effects.

Precautionary Statements

Prevention:

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P271	Use only outdoors or in a well ventilated area.
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.



Safety Data Sheet

Pine Needle (Scotch) Essential Oil

P501 Dispose of contents and container in accordance with local, regional, national and/or international regulation for hazardous wastes.

Response:

P301+P310 IF SWALLOWED: Immediately call a POISON center or doctor/physician.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.

P370+P380 In case of fire: Use extinguishing media listed in Section 5 of the SDS to extinguish.

P391 Collect spillage.

2.3 Other Hazards

No data available.

3. Composition/Information on Ingredients

Ingredient	CAS#	EC#	Concentration Range
Alpha-pinene	80-56-8	201-291-9	70 - 85 %
Limonene	5989-27-5	227-813-5	3 - 7 %
beta-Pinene	127-91-3	204-872-5	2 - 7 %
camphene	79-92-5	201-234-8	1 - 5 %

4. First Aid Measures

Description of First Aid Measures



Safety Data Sheet

Pine Needle (Scotch) Essential Oil

Inhalation:	If inhaled, remove to fresh air. Get medical attention if symptoms appear.
Eye Exposure:	Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.
Skin Exposure:	Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.
Ingestion:	Seek medical attention or contact local poison control centre.

5. Firefighting Measures

Extinguishing Media

Suitable:	Carbon dioxide (CO ₂), Sand, Foam
Unsuitable:	Water spray, water jet.

Special Equipment and Precautions for Firefighters

During Firefighting: Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Special Hazards Arising from the Substance or Mixture

Special Hazard:	Hazardous decomposition products may be formed at extreme heat or if burned.
Resulting Gases:	Carbon oxides.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Equip cleaning crew with proper protection. Respiratory protection equipment may be necessary.

Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.



Safety Data Sheet

Pine Needle (Scotch) Essential Oil

Methods and Materials for Containment and Cleaning Up

Clean up spillage promptly, using an absorbent material to collect it. Use suitable disposal containers.

7. Handling and Storage

Precautions for Safe Handling

No direct lighting. No smoking. Ensure prompt removal from eyes, skin, and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking, and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

Conditions for Safe Storage, Including Any Incompatibilities

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

8. Exposure Controls/Personal Protection

Exposure Controls:

Eye Protection: Use tightly sealed goggles.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Skin Protection: If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Appearance: Colourless to pale yellow liquid.

Odour: Characteristic pine odor

Flashpoint: 40 °C

Relative Density: 0.857 to 0.885 @ 20 °C



Safety Data Sheet

Pine Needle (Scotch) Essential Oil

Refractive Index: 1.465 to 1.479 @ 20 °C
Solubility: Soluble in alcohol and oils. Insoluble in water
Optical Rotation: -4.0° to +10° @ 20 °C

10. Stability and Reactivity

Chemical Stability: Stable under recommended storage conditions.
Reactivity: This material presents no significant reactivity hazard.
Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
Conditions to Avoid: Avoid sparks, flame, and other heat sources.
Incompatible Materials: Strong oxidizing agents.
Hazardous Decomposition Products: Carbon oxides.

11. Toxicological Information

11.1 Toxicological Effects

Acute Toxicity: Oral LD50 - 5000 mg/kg (rat)
 Dermal LD50 - 5000 mg/kg (rbt)
Skin Contact: Skin irritant
Eye Contact: Eye irritant

12. Ecological Information

Ecotoxicity: Very toxic to aquatic organisms, may cause long-term adverse effects environment.
 Avoid pollution of surface or underground water.
Persistence and Degradability: Not available.
Bio-accumulative potential: Not available.
Mobility in Soil: Not available.
Other Adverse Effects: Not available.

13. Disposal Conditions



Safety Data Sheet

Pine Needle (Scotch) Essential Oil

13.1 Waste Treatment Methods

Do not allow product to reach sewage systems. Dispose of in accordance with all local, state or provincial, and federal regulations. Send to a licensed waste management company. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with product or used container.

14. Transport Information

Regulator	Class	Pack Group	Sub Risk	UN-nr.
U.S. DOT (Non-Bulk) Chemicals NOI	3	III		1272
ADR/RID (International Road/Rail) Environmentally Hazardous Substance, Liquid n.o.s.	3	III		1272
IATA (Air Cargo) Environmentally Hazardous Substance, Liquid n.o.s.	3	III		1272
IMDG (Sea) Environmentally Hazardous Substance, Liquid n.o.s.	3	III		1272

15. Regulatory Information

GHS Hazard Statements:

Please refer to section 2.

GHS Precautionary Statements:

Please refer to section 2.

16. Other Information

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Remarks:

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Candora Soap Inc. provides the information contained herein, but makes no representation as to its



Safety Data Sheet

Pine Needle (Scotch) Essential Oil

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