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## Safety Data Sheet

### Organic Pine Essential Oil (*Pinus sylvestris*)

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

1.1 Product Identifier					
Product Name		Pine Needle Oil Organic			
Biological Definition		Pinus Nigra Twig Leaf Oil is an essential oil obtained from the twigs leaves of the Pine, <i>Pinus nigra</i> , <i>Pinaceae</i>			
INCI Name		Pinus Nigra Twig Leaf Oil			
Synonyms & Trade Names		-			
CAS-No	90082-74-9	EC No.	290-165-7	EINECS No.	290-165-7
1.2 Relative identified uses of the substance or mixture and uses advised against					
Perfumes, fragrances.					
1.3 Details of the supplier of the safety data sheet					
NHR Organic Oils, 24 Chatham Place, Brighton, BN1 3TN, UK					
1.4 Emergency Tel. No.		0845 310 8066			

#### 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture			
Harmful Dangerous for the environment			
Classification (EC 1272/2008)			
Physical and Chemical Hazards : Flam. Liq. 3 (H226)			
Human health Asp. :	Asp. Tox. 1 - H304 Skin Sens. 1 (H317)		
Environment :	Aquatic Chronic 1 - H410		
2.2 Label Elements			
Label in accordance with (EC) No 1272/2008			
GHS07	GHS09	GHS08	GHS02
Signal Word		Danger	
Contains		α-pinene, β-pinene, limonene, camphene	
Hazard Statements			
H226	Flammable liquid and vapour.		
H304	May be fatal if swallowed and enters airways.		
H317	May cause an allergic skin reaction.		
H411	Very toxic to aquatic life with long lasting effects.		
Precautionary Statements			
P280	Wear protective gloves/protective clothing/eye protection/face protection		
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.		

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

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

**70-85% 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

**2-7% 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

**2-7% 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

**1-4% 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

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

Inhalation	Remove immediately from source of exposure into fresh air. Seek medical attention if any discomfort continues.
Ingestion	DO NOT INDUCE VOMITING! Immediately rinse mouth and provide fresh air. Seek medical attention.
Skin Contact	Remove contaminated clothing immediately and wash skin with soap and water. Seek medical attention if any discomfort continues.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Seek medical attention immediately. Continue to rinse.

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

Observe risk of aspiration if vomiting occurs.

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

Treat symptomatically

**05. FIRE-FIGHTING MEASURES**

<b>5.1 Extinguishing Media</b>
Extinguishing media: Carbon dioxide (CO <sub>2</sub> ). Powder. Foam. Unsuitable extinguishing media: Full water jet.
<b>5.2 Special hazards arising from the product</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. Wear suitable equipment for self protection.

**6. ACCIDENTAL RELEASE MEASURES**

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>
Wear protective clothing as described in Section 8 of this safety data sheet. Handle the product using protective gloves resistant to the chemicals exposed. Avoid contact with skin, eyes and clothing. Maintain adequate ventilation in the working area after spilling.
<b>6.2 Environmental Precautions</b>
Do not discharge into drains, water courses or onto the ground. Contain spillages.
<b>6.3 Methods and material for containment and cleaning up.</b>
Cover with an inert, inorganic, non-combustible absorbent material (e.g dry-lime, sand, soda ash). Place in covered containers using non-sparking tools and transport outdoors. Dispose of in accordance with current laws and regulations.
<b>6.4 Reference to other sections</b>
Sections 7 and 8

**7. HANDLING AND STORAGE**

<b>7.1 Precautions for safe handling</b>
Handle in accordance with good hygiene and safety practice. Provide earthing of containers, equipment, pumps and ventilation facilities. Take precautionary measures against static discharges. Wear personal protective clothing (see section 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 product container tightly closed, in a dry, ventilated area, away from potential sources of ignition and protected from light.
<b>7.3 Specific end use(s)</b>
No additional data available.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>8.1 Control parameters</b>
No additional data available
<b>8.2 Exposure controls</b>
Protective Equipment
