



Essential Oils Direct Ltd

Safety Data Sheet

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

1.1 Product Identifier					
Product Name		Thyme Oil White			
Biological Definition		Thymus Vulgaris Leaf Oil is the volatile oil obtained from the leaves of <i>Thymus vulgaris</i> , Lamiaceae			
INCI Name		Thymus vulgaris Leaf Oil			
Synonyms & Trade Names		-			
CAS-No	84929-51-1	EC No.	284-535-7	EINECS No.	284-535-7
1.2 Relative identified uses of the substance or mixture and uses advised against					
Flavour and fragrance.					
1.3 Details of the supplier of the safety data sheet					
Essential Oils Direct Ltd 13 Parkside Industrial Estate, Royton, Oldham OL2 6DS - Reg No 04199912					
1.4 Emergency Tel. No.		+ 44 (0) 161 633 3952			

**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)				
H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H411 Toxic to aquatic life with long lasting effects.				
2.2 Label Elements				
Label in accordance with (EC) No 1272/2008				
GHS08	GHS07	GHS09	GHS02	GHS05
Signal Word		Danger		
Contains		-		
Hazard Statements				
H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction.				

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H411 Toxic to aquatic life with long lasting effects.	
<b>Precautionary Statements</b>	
<p>P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.</p> <p>P260 Do not breathe dust/fume/gas/mist/vapours/spray.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.</p> <p>P331 Do NOT induce vomiting.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P391 Collect spillage.</p> <p>P501 Dispose of contents/container according to the local regulations..</p>	
<b>Supplementary Precautionary Statements</b>	
None	
<b>2.3 Other Hazards</b>	
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**

<b>3.2 Mixtures</b>	
<b>30.0 – 40.0% Paracymene</b> CAS-No.: 99-87-6 EC No.: 202-796-7	
Classification (EC 1272/2008) Flam. Liq. 3 - H226, Asp. Tox. 1 - H304, Aquatic Chronic 2 - H411	
<b>&lt;30.0% Thymol</b> CAS-No.: 89-83-8, EC No.: 201-944-8	
Classification (EC 1272/2008) Acute Tox. 4 - H302, Skin Corr. 1B - H314, Aquatic Chronic 2 - H411	
<b>2.0 – 4.0% Alpha-pinene</b> CAS-No.: 80-56-8 EC No.: 201-291-9	
Classification (EC 1272/2008) Flam. Liq. 3 - H226, Skin Sens. 1 - H317, Asp. Tox. 1 - H304, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	
<b>0.5 – 1.5% Limonene</b> 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	
<b>&lt;1.0% Beta-pinene</b> CAS-No.: 127-91-3 EC No.: 204-872-5	
Classification (EC 1272/2008) Flam. Liq. 3 - H226, Asp. Tox. 1 - H304, Skin Irrit. 2 - H315, Skin Sens. 1 - H317	

### **04. FIRST AID MEASURES**

<b>4.1 Description of first aid measures</b>	
Inhalation	Remove victim immediately from source of exposure. Get medical attention if any discomfort continues.

Ingestion	Rinse mouth and drink abundant water to dilute substance. Avoid vomiting, risk of aspiration!
Skin Contact	Remove contaminated clothes. Wash affected areas with copious amounts of water.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.
<b>4.2 Most important symptoms and effects, both acute and delayed</b>	
After continuous contact with skin and/or eyes causes burns and sores of hard cicatrisation. On a reduced number of people the exposure to the product may induce allergic reactions. An intake of product at high concentration causes burns and ulcers of mucous membranes on mouth, pharynx, oesophagus and gastrointestinal tract.	
<b>4.3 Indication of any immediate medical attention and special treatment needed</b>	
If the victim feels unwell, seek medical advice immediately. If breathing is difficult then provide artificial respiration.	

**05. FIRE-FIGHTING MEASURES**

<b>5.1 Extinguishing Media</b>	Carbon dioxide, Dry powder or Foam. Cool containers with water.
<b>5.2 Special hazards arising from the product</b>	Combustible. Keep away from ignition sources.
<b>5.3 Advice for firefighters</b>	In the event of fire, combustion gas or dangerous vapours may appear. Generates explosive mixtures with air. Use chemical protection clothing and self-contained breathing apparatus.


**06. ACCIDENTAL RELEASE MEASURES**

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	Avoid substance contact. Proceed with ventilation if closed place. Do not inhale vapours. Keep away from ignition sources.
<b>6.2 Environmental Precautions</b>	Keep away from sewerage, surface water and groundwater. Do not allow to enter sewerage system.
<b>6.3 Methods and material for containment and cleaning up.</b>	Collect the spilled material with sand or absorbent material. Use only machines that produce no spark.
<b>6.4 Reference to other sections</b>	See section 8 for Personal protection. See section 13 for Waste disposal methods.

**07. HANDLING AND STORAGE**

<b>7.1 Precautions for safe handling</b>	Keep away from sources of ignition. The normal safety precautions for handling chemicals should always be observed. Do not eat, drink or smoke in work areas. Immediately change contaminated clothing. Wash hands after working with substance.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>	Store in full tight sealed containers in a well ventilated place, away from sources of ignition and heat, at temperature below 20 °C and protected from light.
<b>7.3 Specific end use(s)</b>	No additional data available.

**08. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>8.1 Control parameters</b>	
Causes severe burns in contact with eyes and skin..	
<b>8.2 Exposure controls</b>	
Protective Equipment	
	
Process Conditions	Provide eyewash station.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	Ventilation, local exhaust, or breathing protection.
Hand Protection	Compatible chemical-resistant gloves are compulsory.
Eye Protection	Chemical safety goggles are compulsory.
Other Protection	Measures should be taken to prevent materials from being splashed into the eyes or on the skin. Wear eyeshields and protective clothing.
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	Avoid contact with skin. Wear suitable gloves.
Environmental Exposure Controls	Avoid discharging into drainage water. Only eliminate by authorised companies.

**09. PHYSICAL AND CHEMICAL PROPERTIES**

<b>9.1 Information on basic physical and chemical properties</b>	
Appearance	Clear liquid
Colour	Pale yellow to yellow
Odour	Characteristic
Relative Density	0.905 - 0.935 @ 20°C
Flash Point (°C)	>60°C
Refractive Index	1.491 - 1.510 @ 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.
<b>9.2 Other information</b>	
No additional data available.	

**10. STABILITY AND REACTIVITY**

<b>10.1 Reactivity</b>	
Combustible.	
<b>10.2 Chemical stability</b>	
No additional data available.	
<b>10.3 Possible hazardous reactions</b>	
No additional data available.	

<b>10.4 Conditions to Avoid</b>
Keep away from ignition sources. Protect from light and air.
<b>10.5 Incompatible materials</b>
Strong oxidizers.
<b>10.6 Hazardous Decomposition Products</b>
Carbon Monoxide and Carbon dioxide.

## **11. TOXOLOGICAL INFORMATION**

<b>11.1 Information on toxicological effects</b>	
Acute Toxicity	There is no toxicological data available on this product.
Skin corrosion / irritation	Burns. May cause sensitization by skin contact.
Serious eye damage / irritation	Burns.
Respiratory or skin sensitisation	Irritations of mucous membranes, coughing and dyspnoea. Inhalation may lead to the formation of oedemas in the respiratory tract.
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	Damage of the respiratory tract. Burns the mucous membranes on the mouth, pharynx, oesophagus and gastrointestinal tract.
Photo-toxicity	No additional data available.
Other Information	Further hazardous properties cannot be excluded. Normal safety precautions for handling chemical products should always be observed.

## **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.	
<b>12.6 Other adverse effects</b>	
There is no quantitative data available about ecological effects of this product. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not allow the material to enter streams, sewers or other waterways.	

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

This product and its packaging must be disposed according to local regulations.

This product would be burnt (always if it is according with local regulations) and it does not generate ashes.

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

UN No. Road	2924
UN No. SEA	2924
UN No. AIR	2924

**14.2 UN proper shipping name**

FLAMMABLE LIQUID, CORROSIVE, N.O.S. (Contains CYMENES)

**14.3 Transport hazard class(es)**

ADR/RID/ADN – Class 3 (8)

ADR/RID/ADN – Class 3 (8)

IMDG – Class 3 (8)

ICAO – Class 3 (8)

Transport Labels

**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**

None

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

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**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).

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**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 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H400 Very toxic to aquatic life H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.
Other Information	None
Revision Date	21/08/15
Reason for revision	New SDS
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