



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> , <i>Lamiaceae</i>				
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

Golden Bough Botanicals Inc 12-1585 Cliveden Ave Delta BC V3M 6M1

1.4 Emergency Tel. No.

604-540-8700 (Monday-Friday 8:30 am-4:30 pm)

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

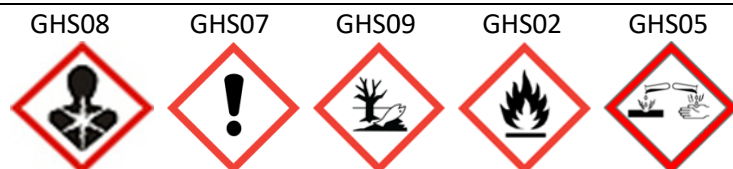
The Full Text for all Hazard Statements are displayed in Section 16.

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



Signal Word

Danger

Contains

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Hazard Statements

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H411 Toxic to aquatic life with long lasting effects.	
Precautionary Statements	
<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>	
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	
30.0 – 40.0% Paracymene 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	
<30.0% Thymol 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	
2.0 – 4.0% Alpha-pinene 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	
0.5 – 1.5% 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	
<1.0% Beta-pinene 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

4.1 Description of first aid measures	
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.
4.2 Most important symptoms and effects, both acute and delayed	
<p>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.</p>	
4.3 Indication of any immediate medical attention and special treatment needed	
<p>If the victim feels unwell, seek medical advice immediately. If breathing is difficult then provide artificial respiration.</p>	

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media
Carbon dioxide, Dry powder or Foam. Cool containers with water.
5.2 Special hazards arising from the product
Combustible. Keep away from ignition sources.
5.3 Advice for firefighters
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

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

07. HANDLING AND STORAGE

7.1 Precautions for safe handling
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.
7.2 Conditions for safe storage, including any incompatibilities
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.
7.3 Specific end use(s)
No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters	
Causes severe burns in contact with eyes and skin..	
8.2 Exposure controls	
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

9.1 Information on basic physical and chemical properties	
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.
9.2 Other information	
No additional data available.	

10. STABILITY AND REACTIVITY

10.1 Reactivity	
Combustible.	
10.2 Chemical stability	
No additional data available.	
10.3 Possible hazardous reactions	
No additional data available.	

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

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
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

12.1 Toxicity	
No additional data available.	
12.2 Persistence & degradability	
No additional data available.	
12.3 Bioaccumulation Potential	
No additional data available.	
12.4 Mobility in soil	
No additional data available.	
12.5 Results of PBT and vPvB Assessment	
No additional data available.	
12.6 Other adverse effects	
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).

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	August 21, 2015
Reason for revision	New SDS
Rev No/Repl, SDS Generated	01

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