

**01. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY UNDERTAKING****1.1 Product Identifier**

1.1 Product Identifier	Thyme Sweet Oil				
Biological Definition	The volatile oil obtained by the steam distillation of the aerial parts of <i>Thymus vulgaris</i> L. ct Linalool				
INCI Name	Thymus vulgaris leaf oil				
Synonyms Trade Names	Thyme oil linalool type				
CAS Number	123-35-3	EC Number	283-406-2	EINECS No.	283-406-2

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

Calmer Solutions Limited - Hadresham, Woolborough Lane, Outwood, Surrey, England RH1 5QR - Reg No 4992013

1.4 Emergency Telephone Number

In case of a medical emergency following exposure to a chemical, call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 (UK Only)

02. HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

The full text for all hazard statements displayed in section 16.

Classification (EC 1272 / 2008)

FL3, AH1, SC12, SS1, ED1, A2C2

GHS07

GHS08

GHS09

None

None



Signal Word

Danger

Contains

Alpha-Pinene, Limonene,

Hazard Statements

H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

P273 Avoid release to the environment.

P301 IF SWALLOWED:

P310 Immediately call a POISON CENTER or doctor/physician.

P302 IF ON SKIN:

P352 Wash with plenty of soap and water.

P305 IF IN EYES:

P351 Rinse cautiously with water for several minutes.

P338 Remove contact lenses, if present and easy to do. Continue rinsing.

Supplementary Precautionary Statements

P362 Take off contaminated clothing and wash before reuse.

P405 Store locked up.

2.3 Other Hazards

PBT or PvB according to Annex XIII	No Additional Data Available.
Adverse physio-chemical properties	Combustible but will not self ignite
Adverse effects on human health	Cases of skin sensitisation have been recorded.

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

30 - 40 % p-cymene

CAS No: 99-87-6 EC No: 202-796-7

Classification (EC 1272/2008): Flam. Liq. 3 - H226, Asp. Tox. 1 - H304, Acute Tox. 5 - H303, Aquatic Chronic 2 - H411, Skin Irrit 3 - H316

10 - 30 % Thymol

CAS No: 89-83-8 EC No: 201-944-8

Classification (EC 1272/2008): GH05, GHS07, GHS09, Dgr Acute Tox. 4 - H302, Skin Corr. 1B - H314, Aquatic Chronic 2 - H411

2 - 4 % Alpha-Pinene

CAS No: 80-56-8 EC No: 201-291-9

Classification (EC 1272/2008): Aquatic Acute 2 - H400, Chronic Aquatic 1 - H410, Skin Sens. 1 - H317, Skin Irrit 2 - H315, Asp. Tox. 1 - H304, Acute Tox. 5 - H503, Flam. Liq. 3 - H226

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, Skin Sens. 1 - H317, Asp. Tox. 1 - H304, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410

0 - 1 % Beta-Pinene

CAS No: 127-91-3 EC No: 20-872-5

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

41 Inhalation:	Remove from exposure area to fresh air. Contact a doctor if necessary.
41 Ingestion:	Wash mouth out with water and obtain medical advice immediately.
41 Eye:	Flush with plenty of water and seek medical advice if necessary.
41 Skin:	Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation

4.3 Indication of any immediate medical attention and special treatment needed

Skin Contact

05. FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Carbon dioxide, Chemical Powder or Foam. Do not use a direct stream of water.

5.2 Special hazards arising from the product

In case of fire Carbon Monoxide and other unidentified organic compounds may be released.

5.3 Advice for firefighters

In case of insufficient ventilation use suitable respiratory equipment. Wear chemical protective clothing.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2 Environmental Precautions

Do not discharge into drains, water courses or onto the ground.

6.3 Methods and material for containment and clearing up

Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Wash thoroughly after dealing with a spillage.

6.4 Reference to other sections

Wear protective clothing as described in section 8.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid spilling, skin and eye contact. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying and dispensing. Keep away from heat, sparks and open flame.

7.2 Conditions for safe storage, including and incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

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

Goggles



Gloves



None

None

None

Process Conditions:

Provide eyewash station.

Engineering Measures:

Provide adequate ventilation. Observe Occupational Exposure Limits and m

Respiratory Equipment:

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

Hand Protection:

Use suitable protective gloves if risk of skin contact.

Eye Protection:

If risk of splashing, wear safety goggles or face shield.

Other Protection:

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene Measures:

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using, do not eat, drink or smoke.

Personal Protection:

Use personal protection according to Directive 89/686/EEC.

Skin Protection

Wear apron or protective clothing in case of splashes.

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:

Mobile liquid

Colour:

Yellowish

Flash Point:

66 c/c

Odour:

Sweet, herbal

Relative Density:

0.872 to 0.884 @ 20°C

Refractive:

1.466 to 1.472 @ 20°C

Melting Point:

Not given

Boiling:

191 @ 760 mm Hg

Vapour:

90 Pa @ 20°C

Solubility:

Insoluble

Auto Ignition:

235

9.2 Other Information

Stability

10. STABILITY AND REACTIVITY

10.1 Reactivity

Generally stable. It presents no significant reactivity hazards, by itself or in contact with water.

10.2 Chemical Stability

Stable under the recommended handling and storage conditions.

10.3 Possible hazardous reactions

None.

10.4 Conditions to avoid

Avoid storage temperatures above 25°C.

10.5 Incompatible materials

Avoid contact with strong acids, alkalis and oxidising agents.

10.6 Hazardous Decomposition Products

Does not decompose at proper handling. Liable to cause smoke & acrid fumes during combustion: carbonmonoxide, carbon

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity:	No data found
Respiratory or skin sensitisation:	Skin Sensitiser Hazard Category 1 under EC 1272/2008 guidelines
Skin corrosion/irritation:	Skin Irritation Hazard Category 2 under EC 1272/2008 guidelines
Serious Eye damage/irritation:	Eye Irritation Hazard Category 2 under EC 1272/2008 guidelines
Germ Cell Mutagenicity:	Not listed as mutagenic
Carcinogenicity:	Not listed as carcinogenic
Reproductive toxicity:	Not listed as reprotoxic
STOT Single exposure:	Data not found
STOT Repeated exposure:	Data not found
Photo-toxicity:	Aspiration Hazard Category 1 under EC1272/2008 guidelines.
Aspiration hazard:	None
Other Information:	Not photo-toxic

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

Avoid exposure to marine environments and waterways.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company.

14. TRANSPORT INFORMATION

14.1 UN number

Road:	2924
Sea:	2924
Air:	2924

14.2 UN Proper shipping name

FLAMMABLE LIQU

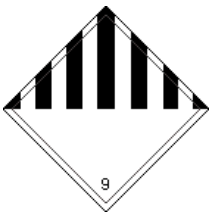
14.3 Transport hazard class(es)

ADR/RID/ADN – Class 3 (8)ADR/RID/ADN – Class 3 (8)IMDG – Class 3 (8)ICAO – Class 3 (8)Transport Labels

Cl. 9_140

Umwelt_140

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14.4 Packing group

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

14.5 Environmental Hazards

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14.6 Special precautions for users

None

14.7 Transport in bulk according to Annex II of MARLPOL73/78 and the IBC Code

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15. REGULATORY INFORMATION

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

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 or precaution	H304 May be fatal if swallowed and enters airways H315 Causes skin irritation H317 May cause an allergic skin reaction H319 Causes serious eye irritation H411 Toxic to aquatic life with long-lasting effects
Other Information::	None
Revision Date:	4/1/2019
Reason:	New SDS
Revision Number:	2

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for his own particular use.