



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

SAFETY DATA SHEET

1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: **Lemon Thyme Essential Oil**
SUPPLIER: Amphora Aromatics Ltd, 36 Cotham Hill, Cotham, Bristol BS6 6LA
Telephone +44 (0)117-9087770.
PRODUCT NUMBER: 128
CHEMICAL NAME: Thymus citriodorus Oil
IDENTIFIED USES: Concentrated material for manufacturing purposes only

2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Physical hazards	Not Classified
Health hazards	Skin Irrit. 2 – H315 Eye Irrit. 2 – H319 Skin Sens. 1 – H317
Environmental hazards	Aquatic Chronic 2 – H411
Classification (67/548/EEC or 1999/45/EC)	Xi; R36/38. R43. N; R51/53

LABEL ELEMENTS PICTOGRAM



SIGNAL WORD Warning

HAZARD STATEMENTS

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.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.

SUPPLEMENTARY PRECAUTIONARY STATEMENTS

P337+P313 If eye irritation persists: Get medical advice/ attention.
P261 Avoid breathing vapour/ spray.
P264 Wash contaminated skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.

SDS: 128 Lemon Thyme

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P321 Specific treatment (see medical advice on this label).
P332+P313 If skin irritation occurs: Get medical advice/ attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P391 Collect spillage.
P501 Dispose of contents/ container in accordance with national regulation.

CONTAINS

CITRAL, GERANIOL, GERANYL ACETATE, LIMONENE

3: COMPOSITION/INFORMATION ON INGREDIENTS

CITRAL		60-100%
CAS NUMBER: 5392-40-5	EC NUMBER: 226-394-6	
CLASSIFICATION	Skin Irrit. 2 – H315 Eye Irrit. 2 – H319 Skin Sens. 1 – H317	
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	Xi; R36/38. R43	
LINALYL ACETATE		10-30%
CAS NUMBER: 115-95-7	EC NUMBER: 204-116-4	
CLASSIFICATION	Skin Irrit. 2 – H315 Eye Irrit. 2 – H319	
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	Xi; R36/38	
LINALOOL		1-5%
CAS NUMBER: 78-70-6	EC NUMBER: 201-134-4	
CLASSIFICATION	Skin Irrit. 2 – H315 Eye Irrit. 2 – H319	
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	Xi; R36/38	
GERANIOL		1-5%
CAS NUMBER: 106-24-1	EC NUMBER: 203-377-1	
CLASSIFICATION	Skin Irrit. 2 – H315 Eye Dam. 1 – H318 Skin Sens. 1 – H317	
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	Xi; R41, R38. R43	
GERANYL ACETATE		1-5%
CAS NUMBER: 105-87-3	EC NUMBER: 203-341-5	
CLASSIFICATION	Skin Irrit. 2 – H315 Skin Sens. 1 – H317 Aquatic Chronic 2 – H411	
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	Xi; R38. N; R51/53. R43	
LIMONENE		1-5%
CAS NUMBER: 138-86-3	EC NUMBER: 205-341-0	
M FACTOR (ACUTE) = 1	M FACTOR (CHRONIC) = 1	
CLASSIFICATION	Flam. Liq. 3 – H226 Skin Irrit. 2 – H315 Skin Sens. 1 – H317 Asp. Tox. 1 – H304 Aquatic Acute 1 – H400 Aquatic Chronic 1 – H410	
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	Xn; R65. Xi; R38. N; R50/53. R10, R43	



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6-METHYL-5-HEPTEN-2-ONE	1-5%
CAS NUMBER: 110-93-0	EC NUMBER: 203-816-7
CLASSIFICATION	Flam. Liq. 3 – H226 Eye Irrit. 2 – H319
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	Xi; R36. R10
BETA-CARYOPHYLLENE	1-5%
CAS NUMBER: 87-44-5	EC NUMBER: 201-746-1
CLASSIFICATION	Asp. Tox. 1 – H304
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	Xn; R65

The Full Text for all R-Phrases and Hazard Statements are displayed in Section 16.

4: FIRST AID MEASURES

INHALATION	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
INGESTION	Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention immediately.
SKIN CONTACT	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if symptoms are severe or persist after washing
EYE CONTACT	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues
GENERAL INFORMATION	Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. See Section 11 for additional information on health hazards.
NOTES FOR THE DOCTOR	No specific recommendations

5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA RECOMMENDED:	Use CO ₂ , Dry powder or Foam type Extinguishers, praying extinguishing media to base of flames. Do not use direct water jet on burning material.
SPECIAL MEASURES:	Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.
EXTINGUISHING PROCEDURES:	Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. No smoking, sparks, flames or other sources of ignition near spillage.
ENVIRONMENT PRECAUTIONS:	Keep away from drains, soils, surface & ground waters.
CLEANING UP METHODS FOR SPILLAGES:	Keep combustible materials away from spillage. Eliminate all sources of ignition. Provide adequate ventilation. Contain and absorb spillage

SDS: 128 Lemon Thyme

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with sand, earth or other non-combustible material. The contaminated absorbent may pose the same hazard as the spilled 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.

7: HANDLING AND STORAGE

USAGE PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin, eyes and clothing.

OCCUPATIONAL HYGIENE

Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet

STORAGE PRECAUTIONS

Conditions for safe storage, including any incompatibilities Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



APPROPRIATE ENGINEERING CONTROLS

Provide adequate ventilation.

EYE/FACE PROTECTION

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

HAND PROTECTION

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

OTHER SKIN AND BODY PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.

HYGIENE MEASURES

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products

RESPIRATORY PROTECTION

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

ENVIRONMENTAL EXPOSURE CONTROLS

Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.



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9: PHYSICAL AND CHEMICAL PROPERTIES

COLOUR:	Yellow to Brown
APPEARANCE:	Liquid
ODOUR:	Characteristic of Lemon Thyme, Citrus and Herbaceous
FLASH POINT (°C)	72
SPECIFIC GRAVITY @ 20°C:	0.877 – 0.907
REFRACTIVE INDEX @ 20°C:	1.468 – 1.498

10: STABILITY AND REACTIVITY

REACTIVITY:	It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.
DECOMPOSITION:	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

11: TOXICOLOGICAL INFORMATION

SKIN CONTACT	Causes skin irritation. May cause an allergic skin reaction.
EYE CONTACT	Causes serious eye irritation.

12: ECOLOGICAL INFORMATION

ECOTOXICITY	Toxic to aquatic life with long lasting effects.
ECOLOGICAL INFORMATION ON INGREDIENTS.	LIMONENE
	ACUTE AQUATIC TOXICITY
	LE(C) ₅₀ 0.1 < L(E)C ₅₀ ≤ 1
	M factor (Acute) 1
	CHRONIC AQUATIC TOXICITY
	M factor (Chronic) 1
PERSISTENCE AND DEGRADABILITY	The product is expected to be biodegradable.
BIOACCUMULATIVE POTENTIAL	The product does not contain any substances expected to be bioaccumulating.
MOBILITY IN SOIL	The product is insoluble in water.
RESULTS OF PBT AND vPvB ASSESSMENT	This product does not contain any substances classified as PBT or vPvB

13: DISPOSAL CONSIDERATIONS

DISPOSAL METHODS	Dispose of waste product or used containers in accordance with local regulations
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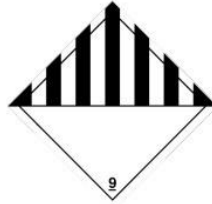


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14: TRANSPORT INFORMATION

UN No. (ADR/RID)	3082
UN No. (IMDG)	3082
UN No. (ICAO)	3082
UN No. (ADN)	3082
PROPER SHIPPING NAME (ADR/RID)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS GERANYL ACETATE, LIMONENE)
PROPER SHIPPING NAME (IMDG)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS GERANYL ACETATE, LIMONENE)
PROPER SHIPPING NAME (ICAO)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS GERANYL ACETATE, LIMONENE)
PROPER SHIPPING NAME (ADN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS GERANYL ACETATE, LIMONENE)
ADR/RID CLASS	9
ADR/RID CLASSIFICATION CODE	M6
ADR/RID LABEL	9
IMDG CLASS	9
ICAO CLASS/DIVISION	9
ADN CLASS	9
TRANSPORT LABELS	



ADR/RID PACKING GROUP	III
IMDG PACKING GROUP	III
ADN PACKING GROUP	III
ICAO PACKING GROUP	III
ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT	



EMS	F-A, S-F
ADR TRANSPORT CATEGORY	3
EMERGENCY ACTION CODE	•3Z
HAZARD IDENTIFICATION NUMBER (ADR/RID)	90
TUNNEL RESTRICTION CODE	(E)
TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE	Not applicable



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15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). 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) (as amended).
EU LEGISLATION	
GUIDANCE	Workplace Exposure Limits EH40.

16: OTHER INFORMATION

SHELF-LIFE

Min 12 months when stored within advised conditions.

HAZARD STATEMENTS IN FULL	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. 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.
RISK PHRASES IN FULL	R10 Flammable. R36 Irritating to eyes. R36/38 Irritating to eyes and skin. R38 Irritating to skin. R43 May cause sensitisation by skin contact. R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 Harmful: may cause lung damage if swallowed.

Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.
Retest after 6 months.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.

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