

1. Identification of the substances / mixture and of the company/undertaking.		
1.1 Product identifier: THYME OIL WILD		
Substance name:		
EC NO:	CAS NO:	UFI:
Index No:	Reach Registration No:	
1.2 Relevant identified uses of the substance or mixture and uses advised against		
Identified uses:		
Uses advised against:		
1.3 Details of the supplier of the safety data sheet		
Company	Penny Price Aromatherapy Ltd	
	Unit D3 Radius Court	
	Maple Drive	
	Hinckley	
	Leicestershire LE10 3BE	
Email	info@penny-price.com	
1.4 Emergency Telephone Number	00 44 (0) 1455 251020 opening hours Mon – Thurs 9am – 5pm, Fri 9am – 2pm. Or call NHS 111 or NHS 999	

2. Hazards Identification			
2.1 Classification of the substance or mixture			
Classified according to Regulation (EC) 1272/2008 (CLP) as amended	Fire	Flam. Liq. 3 – H226	Flam. Sol. 2 – H228
	Physical and Chemical Hazards	Acute Tox. 4 – H302	Skin Corr. 1B – H314
		Skin Irrit. 2 – H315	Eye Irrit. 2 – H319
	Human Health	Skin Sens. 1 – H317	Asp. Tox. 1 – H304
	Environment	Aquatic Acute. 1 – H400	Aquatic Chronic. 1 – H410
Aquatic Chronic. 2 – H411			

2.2 Label Element Labelling according to Regulation (EC) 2020/878



Signal Word. DANGER

Hazard-determining Components of Labelling	Thymol p-cymene Carvacrol d-Limonene
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Hazard statements.	
H226 Flammable liquid and vapour.	H228 Flammable solid
H302 Harmful if swallowed.	H304 May be fatal if swallowed and enters airways.
H314 Causes severe skin burns.	H315 Causes skin irritation
H317 May cause an allergic skin reaction.	H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.	H410 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.	

Precautionary statements.	
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.	P241 Use explosion-proof electrical/ventilating/lighting / equipment.
P303+P361+P353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.	P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405 Store locked up.	P501 Dispose of contents / container in accordance with local/ regional/ national/ international regulations.
2.3 Other hazards –	
Results of PBT Assessment	Not applicable
Results of vPvB Assessment	Not applicable

3. 1 Composition / information on ingredients:			
Chemical Characterisation:			
Mixtures	Description	NCS (UVC8) Constituents Information	
3.2 Hazardous Components:			
Substance name	Index number under CLP Annex VI	Weight % content (or range)	CL, M-Factor, ATE
Thymol	CAS: 89-83-8 EINECS: 2021-944-8	25-50	Skin Corr. 1B H314. Aquatic Chronic. 2 H411. Acute Tox. 4 H302
p-cymene	CAS: 99-87-6 EINECS: 202-796-7	25-50	Flam. Liq. 3. H226 Asp. Tox. 1. H304 Aquatic Chronic 2. H411
Gamma Terpinene	CAS: 99-85-4 EINECS: 202-794 -6	2.5 -10	Flam. Liq. 3. H226 Asp. Tox. 1. H304
Linalool	CAS: 78-70-6 EINECS: 201-134-4	2.5 - 10	Skin Irrit. 2. H315 Eye Irrit. 2. H319
Carvacrol	CAS: 499-75-2 EINECS: 207-889-6	2.5 – 10	Acute Tox. 4. H302 Skin Irrit. 2. H315 Eye Irrit. 2. H319 Skin Sens. 1. H317
d-limonene	CAS: 5989-27-5 EINECS: 227-813-5	2.5 – 10	Flam. Liq. 3. H226 Asp. Tox. 1. H304 Aquatic Acute. 1. H400 Aquatic Chronic. 1. H410 Skin Irrit. 2. H315 Skin Sens. 1. H317
pin-2(3)-ene	CAS: 80-56-8 EINECS: 201-291-9	2.5 – 10	Flam. Liq. 3. H226 Asp. Tox. 1. H304 Skin Irrit. 2. H315 Eye Irrit. 2. H319

7-methyl-3-methyleneocta-1, 6-diene	CAS: 123-35-3 EINCES: 204-622-5	≤ 2.5	Flam. Liq. 3. H226 Asp. Tox. 1. H304 Skin Irrit. 2. H315 Eye Irrit. 2. H319
Camphere	CAS: 79-92-5 EINCES: 201-234-8	≤ 2.5	Flam. Sol. 2. H228 Aquatic Acute 1. H400 Aquatic Chronic. 1. H410 Eye Irrit. 2. H319
DL- borneol	CAS: 507-70-0 EINCES: 208-080-0	≤ 2.5	Flam. Sol. 2. H228
Beta- caryophyllene	CAS: 87-44-5 EINCES: 201-746-1	≤ 2.5	Asp. Tox. 1. H304
3,7,11-trimethyldodeca-1, 6, 10-trien-3-ol, mixed isomers.	CAS: 7212-44-4 EINCES: 230-746-1	≤ 2.5	Aquatic Chronic. 1 H410 Eye Irrit. 2. H319
Beta Pinene	CAS: 127-91-3 EINCES: 204-872-5	≤ 2.5	Flam. Liq. 3. H226 Asp. Tox. 1. H304 Skin Irrit. 2. H315 Skin Sens. 1. H317
Additional information	For the wording of the listed risk phrases refer to Section 16.		

4. First Aid Measures

4.1 General	Immediately remove any clothing soiled by the product. Symptoms of poisoning may even occur after several hours; therefore, medical observation for at least 48 hours after the accident.
Inhalation	Supply fresh air and to be sure to call for a doctor. In case of unconsciousness place patient stably inside position for transportation. Supply fresh air.
Eye contact	Rinse immediately with plenty of cold water for at least 5 minutes. Contact a doctor is symptoms persist.
Skin contact	Immediately wash with water and soap and rinse thoroughly. Immediately rinse with water. If skin irritation continues, consult a doctor.
Ingestion	Rinse mouth out with water. Seek medical advice at once. Do NOT induce vomiting unless directed to do so by medical personnel.

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

No further relevant information available.	

4.3 Indication of any immediate medical attention and special treatment need

No further relevant information available.	

5. Firefighting Media	
5.1 Extinguishing Media:	
Suitable extinguishing media:	Carbon dioxide (CO ₂), powder, foam, sand, or extinguishing powder. Do not use water.
Unsuitable extinguishing media:	Water. Water with full jet.
5.2 Special hazards arising from the substances or mixture:	Carbon monoxide (CO).
Hazardous combustion products:	N/A
5.3 Advice for firefighters	No special measures required.

6 Accidental release measures	
6.1 Personal precautions, protective equipment, and emergency procedures	Wear protective equipment. Keep unprotected persons away.
6.1.1 For non-emergency personnel	
Protective equipment:	Avoid inhalation and direct contact with skin and eyes. Use individual protective equipment (safety glasses, waterproof boots, suitable protective clothing) in case of major spillages.
Emergency procedures:	
6.1.2 For Emergency responders	
6.2 Environmental precautions	Inform respective authorities in case of seepage into the water course or sewage system. Do not allow to enter sewers/ surface or ground water.
6.3 Methods and materials for containment and cleaning up.	
6.3.1 For containment:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Use neutralising agent.
6.3.1 For cleaning up:	Dispose contaminated material as waste according to item 13. Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents.
6.3.3. Other information:	
6.4 Reference to other sections	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

7. Handling and storage	
7.1 Precautions for safe handling	
Protective measures: Ensure good ventilation / exhaustion at the workplace. Prevent formation of aerosols.	
Measures to prevent fire:	Keep away from ignition sources – do not smoke. Protect from heat. Protect against electrostatic charges.
Measures to prevent aerosol and dust generation:	Apply good manufacturing practice and industrial hygiene practices, ensuring proper ventilation. Avoid static discharge.
Measures to protect the environment:	
Advice on general occupational hygiene:	Store in tightly closed original container, in a cool, dry, and ventilated area away from heat sources and protected from light. Keep air contact to a minimum.
7.2 Conditions for safe storage, including any incompatibilities	
Technical measures and storage conditions:	Store only in unopened original receptacles. Keep receptacle tightly sealed. Protect from heat and direct sunlight. Store in the dark.
Packaging Materials:	
Requirements for storage and vessels:	
Storage Class: Further information on storage containers:	
7.3 Specific end use(s).	No further relevant information available.
Recommendations:	
Industrial sector specific solutions:	
8. Exposure controls/Personal protection	
Additional information about design of technical facilities.	No further data: see item 7.
8.1 Control parameters	
Ingredients with Limited Values that Require Monitoring at the Workplace.	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
Additional Information	The lists valid during the making were used as basis.
8.2 Exposure controls	
8.2.2 Personal Protection equipment	
(a) Eye / face protection	Tightly sealed goggles.
(b) Skin Protection	
Hand protection	Protective gloves. The glove material has to be impermeable and resistant to the product/ the substance / the preparation. Due to missing tests no recommendation to the glove material can be given for the product / the

	preparation / the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation for several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application. The exact break through time has to be found by the manufacturer of the protective gloves and has to be observed.
Other skin protection	
(c) Respiratory protection	Not required.
Ventilation	
(d) Thermal hazards	
8.2.3 Environmental exposure controls	
General protective and hygiene measures.	Keep away from foodstuff, beverages, and food. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.
9. Physical and chemical properties- C of A	
9.1 Information on basic physical and chemical properties	
Colour	According to product specification.
Appearance	Liquid
Odour	Characteristic
Flash point °C (Closed Cup – ASTM D6450)	52°C
pH	
Flammability (solid, gaseous)	Not applicable
Decomposition Temperature	Not determined
Self- Igniting	Product is not self-igniting.
Danger of explosion	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Evaporation Rate	Not determined.
Specific gravity d_{20}^{20}	
Optical rotation @ 20°C	
Refractive index @ 20°C	
Solubility in 75% ethanol @ 20°C	
Solubility in vegetable oils	
Solubility in water	Not miscible or difficult to mix.
Typical analysis of major components	
Lethal Dose 70kg Adult (ml)	
9.2 Other information	No further relevant information available.









10. Stability and reactivity	
10.1 Reactivity	No further relevant information available.
10.2 Chemical Stability	
Thermal decomposition / conditions to avoid	No decomposition if used according to specifications.
10.3 Possibility of hazardous reactions:	No dangerous reactions known.
10.4 Conditions to avoid:	No further relevant information available
10.5 Incompatible Materials:	No further relevant information available
10.6 Hazardous Decomposition Products	No dangerous decomposition products known.

11. Toxicological information	
11.1 Information on hazard classes as defined in Regulation (EC) No 1272 /2008	
Acute toxicity:	
Skin corrosion /irritation:	Caustic effect on skin and mucous membranes.
Seriously eye damage/irritation:	
Respiratory or skin sensitisation:	Sensitisation possible through skin contact.
Germ cell mutagenicity:	
Carcinogenicity:	
Reproductive toxicity:	
Summary of evaluation of the CMR properties:	
STOT- single exposure,	
STOT-repeated exposure:	
Aspiration hazard:	
Additional Toxicological Information	The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Harmful Corrosive Irritant Swallowing will lead to a strong caustic effect on the mouth and to the danger of perforation of oesophagus and stomach.

12. Ecological information	
12.1 Toxicity	
Aquatic Toxicity	No further relevant information available.
12.2 Persistency and degradability	No further relevant information available.
12.3 Bio accumulative potential	No further relevant information available.
12.4 Mobility in soil	No further relevant information available.
Ecotoxicological Effects	Toxic for fish. Do not allow product to reach ground water, water course or sewage system. Must not reach sewage water or drainage ditch undiluted or un neutralised. Danger to drinking water if even small quantities leak into the

	ground. Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms.
12.5 Results of PBT and vPvB Assessment	Not applicable.
12.6 Endocrine disrupting properties	
12.7 Other adverse effects	No further relevant information available.

13. Disposal considerations	
13.1 Waste treatment methods	Must not be disposed together with household rubbish. Do not all product to reach sewage system.
13.1.1. Product /Packaging disposal:	
13.1.2 Waste treatment-relevant information:	In accordance with local, regional, national, international regulations.
13.1.3 Sewage disposal-relevant information:	Do not dispose into a drainage system and into the environment. Seek expert advice.
13.1.4 Other disposal-relevant recommendations:	Uncleaned packaging. Disposal must be made according to official regulations.

14. Transport information	
14.1 UN Number or ID number (ADR, IMDG, IATA)	UN2924
14.2 UN proper Shipping name (ADR)	2924 FLAMMABLE LIQUID, CORROSIVE, N.O.S. (alpha-PINENE, thymol), ENVIRONMENTALLY HAZARDOUS
(IMDG)	FLAMMABLE LIQUID, CORROSIVE, N.O.S. (alpha-PINENE, thymol), MARINE POLLUTANT
(IATA)	FLAMMABLE LIQUID, CORROSIVE, N.O.S. (alpha-PINENE, thymol)
14.3 Transport hazard class(es) (ADR)	   3 (FC) Flammable liquids 3+8
Class Label	
(IMDG)	   3 Flammable liquids 3+8
Class Label	
(IATA)	  3 Flammable liquids 3+8
Class Label	
14.4 Packing group (ADR, IMDG, IATA)	III
14.5 Environmental hazards	Product contains environmentally hazardous substances: d-limonene, pin-2 (3)-ene.

Marine Pollutant	Yes Symbol (fish and tree)
Special Marking (ADR)	Symbol (fish and tree)
14.6 Special precautions for user Danger Code (Kemler) EMS Number	Warning: Flammable liquids 38 F-E, S-C
14.7 Maritime transport in bulk according to IMO instruments	Not applicable
Transport and additional information; (ADR) Limited Quantities (LQ) Transport Category Tunnel Restriction Code UN "Model Regulation"	Not dangerous according to the above specifications. 5L 3 D/E UN2824, FLAMMABLE LIQUID, CORROSIVE, N.O.S. (alpha-PINENE, thymol), ENVIRONMENTALLY HAZARDOUS, 3 (8), III

15 Regulatory information

15.1 Safety, health, and environmental regulations / legislation specific for the substance or mixture	No further relevant information available.
15.2 Chemical Safety Assessment	A Chemical Safety Assessment has not been carried out.

16. Other information

(i) Indication of Changes: Revised Safety Data Sheet Format: From March 2019. – Section 2 and 3 have changed places, additional points added under each section in line with Regulation (EC) No 1272/2008 (CLP) Version 4.2 March 2021'

(ii) Abbreviations and acronyms:

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG	International Maritime Code for Dangerous Goods
IATA	International Air Transport Association
GHS	Globally Harmonised System of Classification and Labelling of Chemicals.
EINECS	European Inventory of Existing Commercial Chemical Substances.
CAS	Chemical Abstracts Service (Division of the American Chemical Society).
Flam. Liquid. 3	Flammable Liquids, Hazard Category 3.
Flam. Sol. 2	Flammable solids, Hazard Category 2.
Acute Tox. 4	Acute Toxicity, Hazard Category 4.
Skin Corr. 1B	Skin Corrosion / Irritation, Hazard Category. 1B.
Skin Irrit. 2	Skin Corrosion / Irritation, Hazard Category. 2.

Eye Irrit. 2	Serious eye damage / eye irritation, Hazard Category. 2
Skin Sens. 1	Skin Sensitisation, Hazard Category. 1
Asp. Tox. 1.	Aspiration hazard, Hazard Category. 1
Aquatic Acute 1	Hazardous to the aquatic environment – Acute hazard, category 1.
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic hazard, category 1.
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic hazard, category 2.

(iii) Key Literature references and sources of date. No further information available.

(iv) Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 (CLP):

Classification according to Regulation (EC) 1272/2008(CLP)	Classification procedure
No further information available.	
(v) Relevant H-statements (number and full text):	
(vi) Training advice:	
(vii) Further information:	
Shelf life	Minimum 12 months when stored in the advised conditions.

QC requirements

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

Disclaimer:

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 date 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.