


<b>1. Identification of the substances / mixture and of the company/undertaking.</b>		
<b>1.1 Product identifier: Melissa Oil True</b>		
<b>Substance name:</b>		
<b>Biological Definition</b>		
<b>INCI Name</b>		
<b>Synonyms &amp; Trade Names</b>		
<b>EC NO:</b> 282- 007-0	<b>CAS NO:</b> 8014-71-9	<b>EINECS CAS Number:</b> 84082-61-1
<b>Index No:</b>	<b>Reach Registration No:</b>	
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>		
<b>Identified uses:</b> Used in the fragrance industry.		
<b>Uses advised against:</b>		
<b>1.3 Details of the supplier of the safety data sheet</b>		
<b>Company</b>	Penny Price Aromatherapy Ltd	
	Unit D3 Radius Court	
	Maple Drive	
	Hinckley	
	Leicestershire LE10 3BE	
<b>Email</b>	info@penny-price.com	
<b>1.4 Emergency Telephone Number</b>	00 44 (0) 1455 251020 opening hours Mon – Thurs 9am – 5pm, Fri 9am – 2pm. <u>Or call NHS 111 or NHS 999</u>	

<b>2. Hazards Identification</b>			
<b>2.1 Classification of the substance or mixture</b>			
<b>Classified according to Regulation (EC) 1272/2008 (CLP) as amended</b>	Physical and Chemical Hazards		
	Human Health	Skin Corr/ Irrit. 2 – H315	
		Eye Dam/ Irrit. 3 – H319	
Environment			
<b>2.2 Label Element Labelling according to Regulation (EC) No.1272/2008:</b>			
			
<b>Signal Word. WARNING</b>			
<b>Hazard statements.</b>			
H315	Causes skin irritation.	H317	May cause an allergic skin reaction.
H318	Causes serious damage.	H412	Harmful to aquatic life with long lasting effects.
<b>Precautionary statements.</b>			
P261	Avoid breathing vapour or dust.		
P264	Wash hands and other contacted skin thoroughly after handling.		

P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection / face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse continuously 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.
P337+P313	If eye irritation persists: Get medical advice / attention.
P362	Take off contaminated clothing and wash before reuse.
P501	Dispose of contents / container to approved disposal site,

**Supplementary Precautionary Statements:**

Other Hazards	None.
<b>2.3 Other hazards – Results of PBT and vPvB According to Annex XIII</b>	
<b>Adverse Physio-chemical Properties</b>	
<b>Adverse Effects on Human Health</b>	

**3. 1 Composition / information on ingredients:**

<b>Substances</b>	<b>Product Identifier</b>	Melissa officinalis	
	<b>EINECS CAS Number</b>	84082-61-1	
	<b>CAS Number</b>	8014-71-9	
	<b>EC Number</b>	282-007-0	
<b>Substance name</b>	<b>Index number under CLP Annex VI</b>	<b>Weight % content (or range)</b>	<b>CL, M-Factor, ATE</b>

**4. First Aid Measures**

<b>4.1 General</b>	Immediately remove any clothing soiled by the product.
Inhalation	Remove person to fresh air and keep comfortable for breathing. Obtain medical attention if required.

Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If irritation persists seek medical advice / attention.
Skin contact	Take off all contaminated clothing. Rinse skin with water/shower. If irritation persists seek medical attention.
Ingestion	Rinse mouth out with water. Do NOT induce vomiting. Immediately call POISON CENTER or GP. Do not give milk or fatty oils.

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

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.

**4.3 Indication of any immediate medical attention and special treatment need**

None expected, see Section 4.1 for further information.

**5. Firefighting Measures**

**5.1 Extinguishing Media:**

**Suitable extinguishing media:** Suitable media: Carbon dioxide (CO<sub>2</sub>), Dry chemical, foam

**Unsuitable extinguishing media:**

**5.2 Special hazards arising from the substances or mixture:** In case of fire, may be liberated: Carbon monoxide, unidentified organic compounds.

**Hazardous combustion products:**

**5.3 Advice for firefighters** In case of insufficient ventilation, wear suitable respiratory equipment.

**6 Accidental release measures**

**6.1 Personal precautions, protective equipment, and emergency procedures**

**6.1.1 For non-emergency personnel**

**Protective equipment:**

**Emergency procedures:** Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

**6.1.2 For Emergency responders**

**6.2 Environmental precautions**

Keep away from drains, surface and ground water, and soil.

**6.3 Methods for cleaning up –**

**6.3.1 For containment:**

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

**6.3.2 For cleaning up:**

**6.3.3. Other information:**

**6.4 Reference to other sections**

Also refer to Sections 8 and 13.

**7. Handling and storage**

**7.1 Precautions for safe handling**

**Protective measures:**

Prevent formation of aerosols.

<p>Handle in a well-ventilated area, away from sources of ignition. DO NOT SMOKE. Apply good manufacturing practice and industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink, or smoke whilst handling. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation.</p>	
<b>Measures to prevent fire:</b>	Keep away from heat, sparks, open flames, and hot surfaces. No smoking.
<b>Measures to prevent aerosol and dust generation:</b>	
<b>Measures to protect the environment:</b>	
<b>Advice on general occupational hygiene:</b>	
<b>7.2 Conditions for safe storage, including any incompatibilities</b>	
<b>Technical measures and storage conditions:</b>	
<b>Packaging Materials:</b>	
<b>Requirements for storage and vessels:</b>	<p>Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge</p>
<b>Storage Class: Further information on storage containers:</b>	
<b>7.3 Specific end use(s).</b>	Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.
<b>Recommendations:</b>	

<b>Industrial sector specific solutions:</b>	
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<b>8. Exposure controls/Personal protection:</b>	
<b>8.1 Control parameters</b>	
<b>8.2 Exposure controls</b>	Not applicable.
<b>Engineering Measures</b>	Ensure good ventilation of working area.
<b>8.2.2 Personal Protection equipment</b>	
8.2.2.1 Eye / face protection	Wear protective gloves / eye protection / face protection.
8.2.2.2 Skin Protection	
Hand protection	
Other skin protection	
8.2.2.3 Respiratory protection	Under normal conditions of use and where adequate ventilation is available to prevent build-up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material. Also refer to Sections 2 and 7.
Ventilation	
8.2.2.4 Thermal hazards	
<b>8.2.3 Environmental exposure controls</b>	
<b>9. Physical and chemical properties- C of A</b>	
<b>9.1 Information on basic physical and chemical properties</b>	
Colour	
Appearance	Not determined.
Odour	Not determined.
Odour Threshold	Not determined.
Melting Point / freezing point	Not determined.
Boiling point /Initial boiling point & boiling range	Not determined.
Evaporation Rate	Not determined.
Flammability (Solid, Gas)	Not determined.
Lower and upper explosion limit	Product does not present an explosion hazard.
Flash point °C	75°C
Auto- ignition temperature	Not determined.
Decomposition temperature	
pH	Not determined.
Kinematic Viscosity	Not determined.

Solubility in Water	Not determined.
Solubility in other Solvents	
Partition coefficient n-octanol/ water (log value)	Not determined.
Vapour Pressure	Not determined.
Vapour Density	Not determined.
Density and /or relative density	Not determined.
Relative vapour density	
Particle characteristics	
Explosive Properties	Not determined.
Oxidising Properties	Not determined.
<b>9.2 Other information</b>	None available.
Specific gravity $d_{20}^{20}$	
Optical rotation @ 20°C	
Refractive index @ 20°C	
Typical analysis of major components	

<b>10. Stability and reactivity</b>	
<b>10.1 Reactivity</b>	Presents no significant reactive hazard, by itself or in contact with water.
<b>10.2 Chemical Stability</b>	Good stability under normal storage conditions.
<b>10.3 Possibility of hazardous reactions:</b>	Not expected under normal conditions of use.
<b>10.4 Conditions to avoid:</b>	Avoid extreme heat.
<b>10.5 Incompatible Materials:</b>	Avoid contact with strong acids, alkalis, or oxidising agents.
<b>10.6 Hazardous Decomposition Products</b>	Not expected.

<b>11. Toxicological information</b>		
<b>11.1 Information on hazard classes as defined in Regulation (EC) No 1272 /2008</b>		
<b>Information on Toxicological Effects</b>		
<b>Acute toxicity:</b>	Based on available data the classification criteria are not met.	
	Acute Toxicity Oral	Not applicable.
	Acute Toxicity Dermal	Not applicable.
	Acute Toxicity Inhalation	Not applicable.
<b>Skin corrosion /irritation:</b>	Skin Corrosion / Irritation Category 2.	
<b>Seriously eye damage/irritation:</b>	Eye Damage / Irritation Category 2.	
<b>Respiratory or skin sensitisation:</b>	Based on available data the classification criteria are not met.	

<b>Germ cell mutagenicity:</b>	Based on available data the classification criteria are not met.
<b>Carcinogenicity:</b>	Based on available data the classification criteria are not met.
<b>Reproductive toxicity:</b>	Based on available data the classification criteria are not met.
<b>Summary of evaluation of the CMR properties:</b>	
<b>STOT- single exposure,</b>	Based on available data the classification criteria are not met.
<b>STOT-repeated exposure:</b>	Based on available data the classification criteria are not met.
<b>Aspiration hazard:</b>	Based on available data the classification criteria are not met.
<b>Information about Hazardous Ingredients in the Mixture</b>	Not applicable. Refer to Sections 2 and 3 for additional information.

<b>12. Ecological information</b>	
<b>12.1 Toxicity</b>	Harmful to aquatic life with long lasting effects.
<b>12.2 Persistency &amp; degradability</b>	Not available.
<b>12.3 Bio accumulative potential</b>	Not available.
<b>12.4 Mobility in soil</b>	Not available.
<b>12.5 Results of PBT and vPvB Assessment</b>	This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.
<b>12.6 Endocrine disrupting properties</b>	
<b>12.7 Other adverse effects</b>	Not available.

<b>13. Disposal considerations</b>	
13.1 Waste treatment methods	Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.
13.1.1. Product /Packaging disposal:	
13.1.2 Waste treatment-relevant information:	
13.1.3 Sewage disposal-relevant information:	
13.1.4 Other disposal-relevant recommendations:	Dispose of contents/ containers in accordance with local/regional/national/international regulations.

<b>14. Transport information</b>	
14.1 UN Number or ID number	Not classified.
14.2 UN proper Shipping name	Not classified.

14.3 Transport hazard class(es)	Not classified.
14.4 Packing group	Not classified.
14.5 Environmental hazards	Not environmentally hazardous for transport.
14.6 Special precautions for user	None additional.
14.7 Maritime transport in bulk according to IMO instruments	Not classified.

## **15 Regulatory information**

### **15.1 Safety, health, and environmental regulations / legislation specific for the substance or mixture**

Water Hazard Class (WGK): 1

15.2 Chemical Safety Assessment      A chemical safety assessment has not been carried out for this product.

## **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 Version 4.2 March 2021'.

(ii) **Abbreviations and acronyms:**

**DNEL:** Derived No-Effect Level.

**PNEC:** Predicted No- Effect Concentration.

**ADR:** European agreement concerning the international carriage of dangerous goods by road.

**RID:** Regulations concerning the International carriage of Dangerous goods by rail.

**IATA-DGR:** Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

**ICAO:** International Civil Aviation Organisation

**ICAO-TI:** Technical Instructions by the 'International Civil Aviation Organisation" (ICAO)

**IMDG:** International Maritime Code for Dangerous Goods

**IATA:** International Air Transport Association

**ICAO:** International Maritime Dangerous Goods.

**GHS:** Globally Harmonised System of Classification and Labelling of Chemicals

**EINECS:** European Inventory of Existing Commercial Chemical Substances

**ELINCS:** European List of Notified Chemical Substances

**CAS:** Chemical Abstracts Service (division of the American Chemical Society)

**WGK:** Water Hazard Class.

**LC50:** Lethal concentration, 50 percent

**LD50:** Lethal Dose, 50 percent

**PBT:** Persistent, Bio accumulative and Toxic

**vPvB:** Very Persistent and very Bio accumulative

**Flam. Liq:** Flammable Liquid

**AT:** Acute Toxicity – O = Oral / D = Dermal / I = Inhalation

**Asp:** Aspiration Hazard

**Skin Corr/ Irrit:** Skin Corrosion / Irritation

**Skin Sens:** Skin Sensation

**Eye Dam/ Irrit:** Eye damage / Irritation

**Muta:** Mutagenic

**Carc:** Carcinogenic

**Resp:** Respiration Sensitive

**Repro:** Reproductive Sensitive



**EH A:** Environmental Hazard Aquatic Acute  
**EH C:** Environmental Hazard Aquatic Chronic

**(iii) Key Literature references and sources of date.**

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

<b>Classification according to Regulation (EC) 1272/2008(CLP)</b>	<b>Classification procedure</b>
<b>(v) Relevant H-statements (number and full text):</b>	
<b>(vi) Training advice:</b>	
<b>(vii) Further information:</b>	
<b>Shelf life</b>	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.