

<b>1. Identification of the substances / mixture and of the company/undertaking.</b>			
<b>1.1 Product identifier: Sweet Marjoram Oil Egypt at 023</b>			
<b>Substance name:</b>			
<b>Biological Definition</b>			
<b>INCI Name</b>			
<b>Synonyms &amp; Trade Names</b>		Article number: AROUK326	
<b>EC NO:</b>		<b>CAS NO:</b>	<b>EINECS CAS Number:</b>
<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> Multi Uses			
<b>Uses advised against:</b> No further relevant information available.			
<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	Flam. Liq. 3 – H226	
	Human Health	Asp. Tox. 1- H304	Skin Irrit. 2- H315
		Eye Irrit. 2 – H319	Skin Sens. 1 – H317
	Environment	Aquatic Chronic. 2 – H411	
<b>2.2 Label Element Labelling according to Regulation (EC) No.1272/2008:</b>			
			
<b>Signal Word. DANGER</b>			
<b>Hazard – determining components of labelling:</b>			
<p>p-menth-1-en-4-ol</p> <p>gamma terpinene</p> <p>d-limonene</p> <p>p-mentha-1,3-diene</p>			
<b>Hazard statements.</b>			
H226	Flammable liquid and vapour	H228	Flammable solid

H302	Harmful if swallowed	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	H332	Harmful if inhaled
H371	May cause damage to organs	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.

**Precautionary statements.**

P210	Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER / doctor.
P303+P361+P353	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.

**Supplementary Precautionary Statements:**

<b>2.3 Other hazards – Results of PBT and vPvB According to Annex XIII</b>	PBT: Not applicable. vPvB: Not applicable.
<b>Adverse Physico-chemical Properties</b>	
<b>Adverse Effects on Human Health</b>	

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

**Chemical Characterisation: Substances**

**CAS No: Description:** Essential oil of marjoram

CAS: 8015-01-8

**Chemical Characterisation: Mixtures**

**Description:** NCS (UVCB) Constituents Information

Substance name	Index number under CLP Annex VI	Weight % content (or range)	CL, M-Factor, ATE
p-menth-1-en-4-ol	CAS: 562-74-3 EINECS: 209-235-5	10-25%	Acute Tox. 4 – H302 Skin Irrit. 2 – H315 Eye Irrit. 2 - H319
gamma terpinène	CAS: 99-85-4 EINECS: 202-794-6	10-25%	Flam. Liq. 3 – H226 Asp.Tox. 1 – H304
Linalool	CAS: 78-70-6 EINECS: 201-134-4	10-25%	Skin Irrit. 2 – H315 Eye Irrit. 2 – H319

p-mentha-1,3-diene	CAS: 99-86-5 EINECS: 202-795-1	2.5-10%	Flam. Liq. 3 – H226 Asp.Tox. 1 - H304 Acute Tox. 4 – H302 Aquatic Chronic. 2 – H411
p-menth-1-en-8-ol	CAS: 98-55-5 EINECS: 202-680-6	2.5-10%	Skin Irrit. 2 – H315 Eye. Irrit. 2- H319
d-limonene	CAS: 5989-27-5 EINECS: 227-813-5	2.5-10%	Flam. Liq. 3 – H226 Asp. Tox. 1- H304 Skin Irrit. 2 – H315 Skin Sens. 1B – H317 Aquatic Acute. 1 - H400 Aquatic Chronic. 1 - H410
terpinolène	CAS: 586-62-9 EINECS: 209-578-0	2.5-10%	Asp. Tox. 1 – H304 Skin Sens. 1B – H317 Aquatic Acute. 1 - H400 Aquatic Chronic. 1 - H410
p-cymene	CAS: 99-87-6 EINECS: 202-796-7	≤ 2.5%	Flam. Liq. 3 – H226 Asp. Tox. 1 – H304 Aquatic Chronic. –H411
7-methyl-3-methyleneocta-1,6-diene	CAS: 123-35-3 EINECS: 204-622-5	≤ 2.5%	Flam. Liq. 3 – H226 Asp. Tox. 1 – H304 Skin Irrit. 2 -H315 Eye Irrit. 2 -H319
bornan-2-one	CAS: 76-22-2 EINECS: 207-355-2	≤ 2.5%	Flam. Sol. 2 - H226 STOT SE. 2 – H371 Acute Tox. 1 - H304 Acute Tox. 4 – H332 Skin Sens. 1 - H317
Alpha pinene	CAS: 80-56-8 EINECS: 201-291-9	≤ 2.5%	Flam. Liq. 3 – H226 Asp. Tox. 1 – H304 Skin Irrit. 2 -H315 Skin Sens. 1B – H317 Aquatic Acute. 1 – H400 Aquatic Chronic. 1 – H410
Beta pinene	CAS: 127-91-3 EINECS: 204-872-5	≤ 2.5%	Flam. Liq. 3 - H226 Asp. Tox. 1 - H304 Skin Irrit. 2 – H315 Skin Sens. 1B – H317 Aquatic Acute. 1 -H400 Aquatic Chronic. 1 – H410

#### **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	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.
<b>4.2 Most important symptoms and effects, both acute and delayed:</b>	
	No further relevant information available.
<b>4.3 Indication of any immediate medical attention and special treatment need</b>	
	No further relevant information available.
<b>5. Firefighting Measures</b>	
<b>5.1 Extinguishing Media:</b>	
<b>Suitable extinguishing media:</b>	CO <sub>2</sub> , powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.
<b>Unsuitable extinguishing media:</b>	Water with a full jet.
<b>5.2 Special hazards arising from the substances or mixture:</b> Carbon monoxide (CO)	
<b>Hazardous combustion products:</b>	
<b>5.3 Advice for firefighters</b>	No special measures required.
<b>6 Accidental release measures</b>	
<b>6.1 Personal precautions, protective equipment, and emergency procedures</b>	
<b>6.1.1 For non-emergency personnel</b>	
<b>Protective equipment:</b>	Wear protective equipment. Keep unprotected persons away.
<b>Emergency procedures:</b>	
<b>6.1.2 For Emergency responders</b>	
<b>6.2 Environmental precautions</b>	Do not allow product to reach sewage system or any water course. Prevent seepage into sewage system, work pits and cellars. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.
<b>6.3 Methods for cleaning up –</b>	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.
<b>6.3.1 For containment:</b>	
<b>6.3.2 For cleaning up:</b>	
<b>6.3.3. Other information:</b>	
<b>6.4 Reference to other sections</b>	See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment. See Section 13 for disposal information.
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## **7. Handling and storage**

### **7.1 Precautions for safe handling**

#### **Protective measures:**

Prevent formation of aerosols.

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.

#### **Measures to prevent fire:**

Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges

#### **Measures to prevent aerosol and dust generation:**

#### **Measures to protect the environment:**

#### **Advice on general occupational hygiene:**

### **7.2 Conditions for safe storage, including any incompatibilities**

#### **Technical measures and storage conditions:**

#### **Packaging Materials:**

#### **Requirements for storage and vessels:**

Storage:  
 . Requirements to be met by storerooms and receptacles: Store only in unopened original receptacles.  
 . Information about storage in one common storage facility: Not required.  
 . Further information about storage conditions: Keep receptacle tightly sealed. Store in the dark

#### **Storage Class: Further information on storage containers:**

#### **7.3 Specific end use(s).**

No further relevant information available.

#### **Recommendations:**

#### **Industrial sector specific solutions:**

<b>8. Exposure controls/Personal protection:</b>	
<b>Additional information about design of technical facilities:</b> No further data; see item 7.	
<b>8.1 Control parameters</b>	
<b>Ingredients with limit values that require monitoring at the workplace:</b>	
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.	
<b>CAS No.</b>	<b>Designation of material</b>
<b>76-22-2</b>	<b>bornan-2-one</b>
WEL	Short-term value: 19 mg/m <sup>3</sup> , 3ppm Long-term value: 13 mg/m <sup>3</sup> , 2ppm
<b>Additional information:</b> The lists valid during the making were used as basis.	
<b>8.2 Exposure controls</b>	
<b>Engineering Measures</b>	Ensure good ventilation of working area.
<b>8.2.2 Personal Protection equipment</b>	
General protective and hygiene measures:	Keep away from foodstuffs, beverages, and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.
8.2.2.1 Eye / face protection	Tightly sealed goggles. Safety glasses.
8.2.2.2 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. Material of gloves 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 of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. Nitrile rubber, NBR. Penetration time of glove material. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Other skin protection	
8.2.2.3 Respiratory protection	Not required.
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	Colourless to pale yellow.

Appearance	Liquid
Odour	Characteristic
Melting Point / freezing point	Undetermined,
Boiling point /Initial boiling point & boiling range	
Flammability (Solid, gaseous):	Not applicable
Lower and upper explosion limit	
Flash point (closed cup-ASTM D6450)	58°C
Auto- ignition temperature	
Decomposition temperature	Not determined.
Self-igniting	Product is not self-igniting.
Danger of explosion	Not determined
pH	
Kinematic Viscosity	
Solubility in Water	Not miscible or difficult to mix.
Solubility in other Solvents	
Partition coefficient n-octanol/ water (log value)	
Vapour Pressure	
Density and /or relative density	Evaporation Rate: Not determined
Relative vapour density	
Particle characteristics	
Explosive Properties	
Oxidising Properties	
<b>9.2 Other information</b>	No further relevant information 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>	No further relevant information available.
<b>10.2 Chemical Stability</b>	
<b>Thermal decomposition / conditions to be avoided:</b>	No decomposition if used according to specifications.
<b>10.3 Possibility of hazardous reactions:</b>	No dangerous reactions known.
<b>10.4 Conditions to avoid:</b>	No further relevant information available.
<b>10.5 Incompatible Materials:</b>	No further relevant information available.
<b>10.6 Hazardous Decomposition Products</b>	No dangerous decomposition products known.

<b>11. Toxicological information</b>
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<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>	Harmful if swallowed.
<b>LD/LC50 values relevant for classification:</b>	
<b>586-62-9 terpinolene</b>	
Oral	LD50 4390 mg/kg (RAT)
Dermal	LD50 > 5000 mg/kg (LAP)
<b>Skin corrosion /irritation:</b>	Causes skin irritation
<b>Seriously eye damage/irritation:</b>	Causes serious eye irritation.
<b>Respiratory or skin sensitisation:</b>	May cause an allergic skin reaction.
<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>	May be fatal if swallowed and enter airways.

<b>12. Ecological information</b>	
<b>12.1 Toxicity</b>	Aquatic toxicity: No further relevant information available.
<b>12.2 Persistency &amp; degradability</b>	No further relevant information available.
<b>12.3 Bio accumulative potential</b>	No further relevant information available.
<b>12.4 Mobility in soil</b>	No further relevant information available.
<b>. Ecotoxicological effects:</b> <b>Remark:</b> <b>Additional ecological information:</b> <b>General notes:</b>	Toxic for fish  Do not allow product to reach ground water, water course or sewage system. 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
<b>12.5 Results of PBT and vPvB Assessment</b>	PBT: Not applicable vPvB: Not applicable.



<b>12.6 Endocrine disrupting properties</b>	
<b>12.7 Other adverse effects</b>	No further relevant information available.

<b>13. Disposal considerations</b>	
13.1 Waste treatment methods	Not to be dispose of with household rubbish. Do not allow product to reach sewage system.
13.1.1. Product /Packaging disposal:	Uncleaned packaging: Recommendation: Disposal must be made according to official regulations.
13.1.2 Waste treatment-relevant information:	
13.1.3 Sewage disposal-relevant information:	
13.1.4 Other disposal-relevant recommendations:	Dispose of contents/ container in accordance with local/regional/ national/ international regulations.

<b>14. Transport information</b>	
14.1 UN Number or ID number ADR, IMDG, IATA	UN1169
14.2 UN proper Shipping name ADR IMDG IATA	1160 EXTRACTS, AROMATIC LIQUID (not viscose) EXTRACTS, AROMATIC LIQUID (CYMENES, p-mentha-1.3-diene), MARINE POLLUTANT Extracts, aromatic, liquid
14.3 Transport hazard class(es) ADR  Class Label	 3 (F1) Flammable liquids 3
IMDG  Class Label	  3 Flammable liquids 3
IATA  Class Label	 3 Flammable liquids 3

14.4 Packing group ADR, IMDG, IATA	III
14.5 Environmental hazards  Marine pollutant	Product contains environmentally hazardous substances: d-limonene Yes Symbol (fish and tree)
14.6 Special precautions for user Danger code (Kemler): EMS Number: Stowage Category	Warning: Flammable liquids 30 F-E, S-D A
14.7 Maritime transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
Transport/ Additional Information:	
. ADR . Limited quantities (LQ) . Excepted quantities (EQ)  Transport category Tunnel restriction code	5L Code: E1 Maximum net quantity per inner packaging: 30ml Maximum net quantity per outer packaging: 1000ml 3 D/E
. IMDG . Limited quantities (LQ) . Excepted quantities (EQ)	5L Code: E1 Maximum net quantity per inner packaging: 30ml Maximum net quantity per outer packaging: 1000ml
. UN "Model Regulation":	UN 1169 EXTRACTS, AROMATIC, LIQUID (NOT VISCOSE), 3, III

## **15 Regulatory information**

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

Directive 2012/18/EU

. Named dangerous substances - ANNEX I None of the ingredients is listed.

. Seveso category

E2 Hazardous to the Aquatic Environment

P5c FLAMMABLE LIQUIDS

. Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t

. Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

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 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" (LATA)

**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

**Flam. Sol:** Flammable Solid

**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

**STOT SE:** Specific Target Organ Toxicity – Single Exposure

**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):**

Classification according to Regulation (EC) 1272/2008(CLP)	Classification procedure
<b>(v) Relevant H-statements</b>	

<b>(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.
<b>QC requirements</b>	
In line with general product specification. Always satisfy suitability for specific application. Retest after 6 months.	
<b>Disclaimer:</b>	
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.	