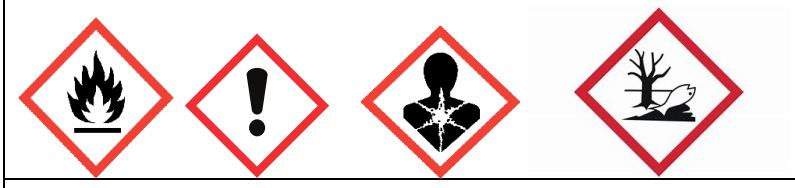
Penny Price Aromatherapy/ Aroma Formulations
SAFETY DATA SHEET
According to Regulation (EC) No.1272/2008

1. Identification of the substances / mixture and of the company/undertaking.		
1.1 Product identifier: Chamomile oil Moroccan		
Substance name:		
Biological Definition		
INCI Name		
Synonyms & Trade Names		
EC NO: 296-034-0	**CAS NO:** 68916-68-7	**EINECS CAS Number:** 92202-02-3
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	Physical and Chemical Hazards	Flam. Liq. 3 – H226	
	Human Health	Skin Sens. H317	Asp. Tox. 1 – H411
	Environment	Aquatic Chronic. 1 – H411	
2.2 Label Element Labelling according to Regulation (EC) No.1272/2008:			
			
Signal Word. DANGER			
Product Identifiers	**601-029-00-7**	(R)-P-MENTHA-1,8-DIENE PINENES (ALPHA OR BETA)	

Hazard statements.			
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

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/sparks/open flames/hot surfaces – No smoking.		
P273	Avoid release to the environment.		
P280	Wear protective gloves/protective clothing/eye protection/face protection.		
P301+P310	IF SWALLOWED: Immediately call a Poison Centre or Doctor		
P303+P361+P353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.		
P403+P235	Store in a well-ventilated place. Keep cool		
Supplementary Precautionary Statements:			
2.3 Other hazards – Results of PBT and vPvB According to Annex XIII	This substance does not satisfy the PBT or vPvB criteria in accordance with Annex XIII of the REACH regulations EC 1907/2006.		
Adverse Physio-chemical Properties			
Adverse Effects on Human Health			

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

Substance name	**Index number under CLP Annex VI**	**Weight % content (or range)**	**CL, M-Factor, ATE**
HYDROCARBONS	REACH: 01-2119487278-23-0016	25.00%	Asp. Tox. 1 – H304
PINENES (ALPHA OR BETA)		15.00%	Flam. Liq. 2 – H226 Asp. Tox. 1- H304 Skin Sens. 1 – H317 Aquatic Acute. 1 – H400 – M Acute =1 Aqautic Chronic. 1 – H410 – M Acute = 1
(R)-P-MENTHA-1,8-DIENE	CAS: 5989-27-5 EC: 227-813-5	1.00%	Flam. Liq. 3 – H226 Skin Irrit. 2 – H315 Skin Sens. 1 – H317 Aquatic Acute. 1 -H400- M Acute =1 Aquatic Chronic. 1 – H410 – M Chronic = 1

4. First Aid Measures	
4.1 General	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:	
	No further relevant information available.
4.3 Indication of any immediate medical attention and special treatment need	
	No further relevant information available.
5. Firefighting Measures	
5.1 Extinguishing Media:	Keep packages near the fire cool to prevent pressurised containers from bursting.
Suitable extinguishing media:	Prevent effluent from entering drains or waterways.
Unsuitable extinguishing media:	In the event of fire, do not use: water.
5.2 Special hazards arising from the substances or mixture:	A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke.
Hazardous combustion products:	In the event of a fire, the following may be formed: Carbon monoxide (CO), Carbon dioxide (CO2).
5.3 Advice for firefighters	Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

6 Accidental release measures	
6.1 Personal precautions, protective equipment, and emergency procedures	Consult the safety measures listed under headings 7 & 8. Avoid contact with the skin and eyes.
6.1.1 For non-emergency personnel	Avoid contact with the skin and eyes.
Protective equipment:	
Emergency procedures:	
6.1.2 For Emergency responders:	First Aid workers will be equipped with suitable personal protective equipment. (See Section 8).
6.2 Environmental precautions	Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Prevent any material from entering drains or waterways. If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures. Use drums to dispose of collected waste in compliance with current regulations. (See Section 13).

6.3 Methods for cleaning up – 6.3.1 For containment:	Clean preferably with a detergent, do not use solvents.
6.3.2 For cleaning up:	
6.3.3. Other information:	
6.4 Reference to other sections	No data available

7. Handling and storage: Requirements relating to storage premises apply to all facilities where the substance is handled. Individuals with a history of skin sensitisation should not, under any circumstances, handle this substance

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 smoking whilst handling.
Always wash hands after handling.
Remove and wash contaminated clothing before re-use.
Remove contaminated clothing and protective equipment before entering eating areas.

Measures to prevent fire:	Handle in well-ventilated areas. Prevent the formation of flammable or explosive concentrations in air and avoid vapour concentrations higher than the occupational exposure limits. Never inhale this substance. Prevent the accumulation of electrostatic charges with connections to earth. Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected. Keep packages tightly closed and away from sources of heat, sparks and naked flames. Do not use tools which may produce sparks. Do not smoke. Prevent access by unauthorised personnel.
Measures to prevent aerosol and dust generation:	
Measures to protect the environment:	
Advice on general occupational hygiene:	**Recommended Equipment and procedures:** For personal protection, see Section 8. Observe precautions stated on label and also industrial safety regulations. Never open packages under pressure.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:	No data available
Packaging Materials:	Always keep in packaging made of an identical material to the original.

Requirements for storage and vessels:	Keep the container tightly closed in a dry well-ventilated place. Keep away from food and drink, including those for animals. Keep away from all sources of ignition – do not smoke. Keep well away from all sources of ignition, heat and direct sunlight. Avoid accumulation of electrostatic charges.
Storage Class: Further information on storage containers:	
7.3 Specific end use(s).	No data available.
Recommendations:	
Industrial sector specific solutions:	

8. Exposure controls/Personal protection:	
8.1 Control parameters	No data available.
8.2 Exposure controls	
Engineering Measures	Ensure good ventilation of working area.
8.2.2 Personal Protection equipment	Gloves and overalls. Use personal protective equipment that is clean and has been properly maintained. Store personal protective equipment in a clean place, away from the work area. Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.
8.2.2.1 Eye / face protection	Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes. Before handling, wear safety goggles.
8.2.2.2 Skin Protection	
Hand protection	Use suitable protective gloves that are resistant to chemical agents. Gloves must be selected according to the application and duration of use at the workstation.
Other skin protection	Avoid skin contact. Wear suitable protective clothing. Work clothing worn by personnel should be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed.
8.2.2.3 Respiratory protection	
Ventilation	
8.2.2.4 Thermal hazards	
8.2.3 Environmental exposure controls	
9. Physical and chemical properties- C of A	
9.1 Information on basic physical and chemical properties	

Colour	Pale yellow to brown
Appearance	Fluid liquid
Odour	Characteristic
Botanical Name	Ormenis multicaulis (fam. Asteraceae)
Melting Point / freezing point	Not relevant
Boiling point /Initial boiling point & boiling range	Not relevant.
Flammability	
Lower and upper explosion limit	
Flash point interval	23°C <=PE <=55°C
Self - ignition temperature	Not relevant
Decomposition point / Decomposition Range	Not relevant
pH	Not relevant.
Viscosity	V<7 mm2/s (40°C)
Water Solubility	Insoluble
Solubility in other Solvents	
Partition coefficient n-octanol/ water (log value)	
Vapour Pressure (50°C)	Not relevant
Density	<1
Relative vapour density	
Particle characteristics	
Explosive Properties	
Oxidising Properties	
9.2 Other information	No data available.
Specific gravity	
Optical rotation @ 20^0C	
Refractive index @ 20^0 C	
Typical analysis of major components	

10. Stability and reactivity	
10.1 Reactivity	No data available.
10.2 Chemical Stability	This substance is stable under the recommended handling and storage conditions in Section 7.
10.3 Possibility of hazardous reactions:	No data available.
10.4 Conditions to avoid:	Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces, etc.) must not be allow on the premises. Avoid accumulation of electrostatic charges, heating, heat, flames and hot surfaces, humidity.
10.5 Incompatible Materials:	Keep away from water.
10.6 Hazardous Decomposition Products	The thermal decomposition may release/form: Carbon monoxide (CO), Carbon dioxide (CO2).

11. Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272 /2008	
Information on Toxicological Effects	May cause an allergic reaction by skin contact. Aspiration toxicity includes severe effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.
Substances	No toxicological data available for the substances.
Acute toxicity:	
Skin corrosion /irritation:	
Seriously eye damage/irritation:	
Respiratory or skin sensitisation:	
Germ cell mutagenicity:	
Carcinogenicity:	
Reproductive toxicity:	
Summary of evaluation of the CMR properties:	
STOT- single exposure,	
STOT-repeated exposure:	
Aspiration hazard:	May be fatal if swallowed and enters airways. Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.
Monograph(s) from the IARC (International Agency for Research on Cancer)	CAS 5989-27-5: IARC Group 3: The agent is not classifiable as to its carcinogenicity to humans.

12. Ecological information	
12.1 Toxicity	Toxic to aquatic life with long lasting effects. The product must not be allowed to run into drains or waterways.
12.2 Persistency & degradability	No data available.
12.3 Bio accumulative potential	No data available.
12.4 Mobility in soil	No data available.
12.5 Results of PBT and vPvB Assessment	No data available.
12.6 Endocrine disrupting properties	
12.7 Other adverse effects	No data available.

13. Disposal considerations: Proper waste management of the substance and/or its container must be determined in accordance with Directive 2008/98/EC.	
13.1 Waste treatment methods	Do not pour into drains or waterways.
13.1.1. Product /Packaging disposal:	Empty container completely. Keep label on container. Give to a certified disposal contractor.
13.1.2 Waste treatment-relevant information:	Waste management is carried out without endangering human health, without harming the environment and, in particular, without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment.
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.

14. Transport information Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2013, IMDG 2012, ICAO/IATA 2014).	
14.1 UN Number or ID number	1169
14.2 UN proper Shipping name	Un1169 = EXTRACTS, AROMATIC, LIQUID
14.3 Transport hazard class(es)	 3
14.4 Packing group	III
14.5 Environmental hazards	 Environmentally hazardous material/
14.6 Special precautions for user	
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	No data available.

ADR/RID	Class	Code	Pack Gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	3	F1	III	3	30	5L	601 640 E	E1	3	D/E

IMDG	Class	2^0 Label	Pack gr.	LQ	EMS	Provis.	EQ
	3	-	III	5L	F-E, S-D	233 955	E1

IATA	Class	2^0 Label	Pack gr.	Passager	Passager	Cargo	Cargo	Note	EQ

	3	-	III	355	60 L	366	220 L	A3	E1
	3	-	III	Y344	10 L	-	-	A3	E1

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.
For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

15 Regulatory information

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

Classification and Labelling Information Included in Section 2	The following regulations have been used: Directive 67/548/EEC and its adaptations. Directive 1999/45/EC and its adaptations. Regulation EC 1272/2008 modified by regulation EC 618/2012. EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.
Container Information	No data available
Particular Provisions	No data available
15.2 Chemical Safety Assessment	No data available

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):

Classification according to Regulation (EC) 1272/2008(CLP)	**Classification procedure**
(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.