


1. Identification of the substances / mixture and of the company/undertaking.			
1.1 Product Name: Oregano essential oil organic			
Substance name:			
Biological Definition	Origanum Vulgare Oil is the volatile oil obtained from the whole plant of the Wild Marjoram, Origanum Vulgare L., Labiatae		
INCI Name: Origanum Vulgare Leaf	Internal Product Code: K0329		
Synonyms & Trade Names	-		
EC NO: 281-670-3	CAS NO: 84012-24-8	EINECS CAS Number: 281-670-3	
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	Hazards not classified	
	Human Health	Acute Tox. 4 – H302	Asp. Tox. 1 – H304
		Eye Irrit. 2 – H319	Skin Irrit. 2 – H315
		Skin Sens. 1B – H317	
	Environment	Aquatic Chronic. 2 – H411	
2.2 Label Element Labelling according to Regulation (EC) No.1272/2008:			
			
Signal Word. DANGER			
Contains: P-Cymene, Gemma-Terpinene, Beta- Carophyllene			
Hazard statements.			
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.	H411	Toxic to aquatic life with long lasting effects.

Precautionary statements.			
P261	Avoid breathing dust / fume/ gas/ mist /vapours / spray.		
P273	Avoid release into the environment.		
P280	Wear protective gloves / protective clothing / eye protection / face protection / hearing protection.		
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER / Doctor		
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.		
P331	Do NOT induce vomiting.		
P333+P313	If skin irritation or rash occurs. Get medical advice / attention.		
P337+P313	If eye irritation persists: Get medical advice / attention.		
P391	Collect spillage.		
P501	Dispose of contents / container in accordance with local / regional / national / international regulations.		
Supplementary Precautionary Statements:			
P264	Wash hands and exposed skin thoroughly after handling.		
P330	Rinse mouth.		
P301+P312	IF SWALLOWED: Call a POISON CENTER / Doctor if you feel unwell.		
P332+P313	IF skin irritation occurs: Get medical advice / attention.		
2.3 Other hazards – Results of PBT and vPvB According to Annex XIII	No Data		
Adverse Physio-chemical Properties	No Data		
Adverse Effects on Human Health	No Data		

3. 1 Composition / information on ingredients: Classification (EC1272 /2008)

Mixtures

Substance name	Index number under CLP Annex VI	Weight % content (or range)	CL, M-Factor, ATE
Carvacrol	CAS: 499-75-2 EC: 207-889-6	60.0 -80.0%	Acute Tox. 4 – H302 Skin Irrit. 2 – H315 Skin Sens. 1B – H317 Eye Irrit. 2 – H319
P-Cymene	CAS: 99-87-6 EC: 202-796-7	10.0 -20.0%	Flam. Liq. 3 -H226 Asp. Tox. 1- H304 Skin Irrit. 2 – H315 Eye Irrit. 2 – H319 STOT SE3 – H335 Aquatic Chronic. 2 – H411
Gamma-Teroinene	CAS: 99-85-4 EC: 202-794-6	1.0 - 4.0%	Flam. Liq. 3 – H226 Asp. Tox. 1 - H304

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

Beta - Carophyllene	CAS: 87-44-5 EC: 201-746-1	1.0 – 4.0%	Asp.Tox.1 - H304
Linalool	CAS: 78-70-6 EC: 201-746-1	≤3.0%	Skin Irrit. 2 -H315 Eye Irrit. 2 – H319
Alpha -Pinene	CAS: 80-56-8 EC: 201 -291 -9	1.0 – 4.0%	Flam. Liq. 3 – H226 Asp.Tox. 1 – H304
Myrcene	CAS: 123-35-3 EC: 204 -622-5	1.0 – 4.0%	Flam. Liq. 2 – H226
Alpha-Terpinene	CAS: 99-86-5 EC: 202-795-1	<1.0%	Flam. Liq. 3 – H226 Asp. Tox. 1 - H304 Skin Irrit. 2 – H315 Eye Irrit. 2 – H319 Aquatic Chronic. 2 – H411
Limonene	CAS: 5989-27-5 EC: 227-813-5	<1.0%	Flam. Liq. 3 – H226 Asp. Tox. 1 – H304 Skin Irrit. 2 – H315 Skin Sens. 1 – Skin Sens. 1B – H317 Aquatic Acute. 1 – H400 Aquatic Chronic. 1 – H410
Beta-Pinene	CAS: 127-91-3 EC: 204-872-5	<1.0%	Flam. Liq. 3 – H226 Asp. Tox. 1 - H304 Skin Irrit. 2 – H315 Skin Sens. 1B -H317 Aquatic Acute 1 – H400 Aquatic Chronic. 1 – H410
Citral	CAS: 5392-40-5 EC: 226-394-6	<1.0%	Skin Irrit. 2 – H315 Skin Sens. 1 – H317
Thymol	CAS: 89-83-8 EC: 201-994-8	<1.0%	Acute. Tox. 4 – H302 Skin Corr. 1B- H314 Aquatic Chronic. 2 – H411

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 data

4.3 Indication of any immediate medical attention and special treatment need	
	No data
5. Firefighting Measures	
5.1 Extinguishing Media:	
Suitable extinguishing media:	Foam, Co2, Dry Chemical Powder
Unsuitable extinguishing media:	
5.2 Special hazards arising from the substances or mixture: None	
Hazardous combustion products:	Burning produces irritating, toxic and obnoxious fumes.
5.3 Advice for firefighters	Special protective equipment for fire fighters. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6 Accidental release measures	
6.1 Personal precautions, protective equipment, and emergency procedures	
6.1.1 For non-emergency personnel	
Protective equipment:	
Emergency procedures:	Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing.
6.1.2 For Emergency responders	
6.2 Environmental precautions	Do not discharge into drains, water courses or onto the ground. Dispose of in line with local authority guidelines.
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	Refer and consider section 8. Refer and consider section 13.

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:	
Measures to prevent aerosol and dust generation:	

Measures to protect the environment:	
Advice on general occupational hygiene:	Handle in accordance with good hygiene and safety practice. Keep away from heat, sparks, open flames and hot surfaces. – No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas of adequate ventilation.
7.2 Conditions for safe storage, including any incompatibilities	
Technical measures and storage conditions:	
Packaging Materials:	
Requirements for storage and vessels:	Keep the product container tightly closed, in a dry, ventilated area. Keep away from potential sources of ignition and protected from light. Maintain limited contact with oxygen.
Storage Class: Further information on storage containers:	
7.3 Specific end use(s).	No data.
Recommendations:	
Industrial sector specific solutions:	

8. Exposure controls/Personal protection:	
8.1 Control parameters	No data.
8.2 Exposure controls	
Engineering Measures	Ensure good ventilation of working area. Eye wash area.
8.2.2 Personal Protection equipment: Avoid	
8.2.2.1 Eye / face protection	Wear protective gloves / eye protection / face protection.
8.2.2.2 Skin Protection	Wear protective clothing to reduce the risk of skin and eye contact.
Hand protection	Wear protective gloves.
Personal Protection	Avoid inhalation of the product. Avoid contact with skin and eyes.
Other skin protection	Wear suitable protection to avoid contact with skin and eyes. Do not inhale vapours.
8.2.2.3 Respiratory protection	Under normal conditions of use and where adequate ventilations 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 personal : A) Increase ventilation of the area with local exhaust ventilation. B) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or cannister and particulate filters. C) Use closed systems for transferring and processing this material. Also refer to Section 2 and 7.
Ventilation	Adequate ventilation is required.

Hygiene measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
8.2.2.4 Thermal hazards	
8.2.3 Environmental exposure controls	Avoid discharging into drainage water.
9. Physical and chemical properties- C of A	
9.1 Information on basic physical and chemical properties	
Colour	Clear - Brown
Appearance	Liquid
Odour	Characteristic
Melting Point / freezing point	
Boiling point /Initial boiling point & boiling range	
Flammability	
Lower and upper explosion limit	
Flash point °C	71°C
Auto- ignition temperature	
Decomposition temperature	
pH	
Kinematic Viscosity	
Solubility in Water @20°C	No data
Solubility in other Solvents	
Partition coefficient n-octanol/ water (log value)	
Vapour Pressure	
Density and /or relative density	
Relative Density	0.930 to 0.960 @20°C
Particle characteristics	
Explosive Properties	
Oxidising Properties	
9.2 Other information	N/A
Specific gravity d ₂₀ ²⁰	
Optical rotation @ 20°C	
Refractive index @ 20°C	1.501 to 1.516 @20°C
Typical analysis of major components	
10. Stability and reactivity	
10.1 Reactivity	No hazardous reactions if stored and handled as prescribed / indicated.
10.2 Chemical Stability	Stable under suggested storage conditions (<15°C)
10.3 Possibility of hazardous reactions:	No
10.4 Conditions to avoid:	Storage at high temperatures. Do not store above 15°C or in direct light.

10.5 Incompatible Materials:	Strong oxidising substances
10.6 Hazardous Decomposition Products	This product does not decompose under normal conditions. Under fire conditions the product will produce a mixture of irritating fumes & smoke& carbon monoxide.

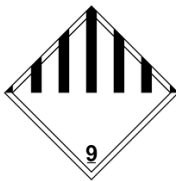

11. Toxicological information	
11.1 Information on hazard classes as defined in Regulation (EC) No 1272 /2008	
Information on Toxicological Effects	
Acute toxicity:	Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
Skin corrosion /irritation:	May cause sensitisation by skin contact.
Seriously eye damage/irritation:	Spray and vapour in the eyes may cause irritation and smarting.
Respiratory or skin sensitisation:	In high concentrations, vapours may irritate throat and respiratory system and cause coughing.
Germ cell mutagenicity:	No data.
Carcinogenicity:	Not applicable.
Reproductive toxicity:	Not applicable.
Summary of evaluation of the CMR properties:	
STOT- single exposure,	Not applicable.
STOT-repeated exposure:	Not applicable.
Aspiration hazard:	No data.

12. Ecological information	
12.1 Toxicity	The product contains a substance which is toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.
12.2 Persistency & degradability	No data
12.3 Bio accumulative potential	No data
12.4 Mobility in soil	No data
12.5 Results of PBT and vPvB Assessment	No data
12.6 Endocrine disrupting properties	
12.7 Other adverse effects	Do not allow product to enter streams, sewers or other waterways.

13. Disposal considerations	
13.1 Waste treatment methods	Always recove spilled product. Discard waste material with authorized waste management services. Act in accordance with local & national waste regulations.
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 / container in accordance with local / regional / national / international regulations.

14. Transport information

14.1 UN Number or ID number: Road, Rail, Air	3082
14.2 UN proper Shipping name	Environmentally Hazardous Substance, Liquid, N.O.S
14.3 Transport hazard class(es)	ADR / RID/ADN Class: 9 Miscellaneous Dangerous Goods. IMDG Class: 9 Miscellaneous Dangerous Goods. ICAO Class / Division 9 Miscellaneous Dangerous Goods. 
14.4 Packing group ADR /RID /ADN /IMDG / ICAO	III
14.5 Environmental hazards	
14.6 Special precautions for user	Special regulations ADR & RID 274, 335, 375, 601 Special regulations IMDG: 274, 909 EmS Codes: F-A, S-F Tunnel Restriction Code: E Physico-Chemical Properties: See Section 9 Limited Quantities: 5L
14.7 Transport in bulk according to Annex II of MARPOL73/78 & the IBC Code.	Not applicable.

15 Regulatory information

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

EU Directives	REGULATION (EC) NO 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18TH DECEMBER 2006. CONCERNING THE REGISTRATION, EVALUATION, AUTHORIZATION & RESTRICTION OF CHEMICALS (REACH), ESTABLISHING A EUROPEAN CHEMICALS AGENCY, AMENDING DIRECTIVE 1999/45/EC AND REPEALING COUNCIL REGULATION (EEC) NO793/93 & COMMISSION REGULATION (EC) NO1488/94 AS WELL AS COUNCIL DIRECTIVE 76/769/EEC & COMMISSION DIRECTIVE 91/155/ECC, 93/67/ECC, 93/105/EEC & 2000/21/EC (INCLUDING AMENDMENTS).
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Statutory Instruments	THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I.2009 NO 716).
Approved Code of Practice	CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS.
Guidance Notes	WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108.
15.2 Chemical Safety Assessment	AN ASSESSMENT HAS NOT BEEN EXECUTED AS THIS IS NOT A HAZARDOUS MATERIAL ACCORDING TO ARTICLE 31 OF REACH 1907/2006.

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:**

MSD: Material Safety Data Sheet

GHS: Globally Harmonized System of Classification & Labelling of Chemicals

TREM Card: Transport Emergency Card.

DNEL: Derived No-Effect Level.

PNEC: Predicted No- Effect Concentration.

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

ADN: International Carriage of Dangerous Goods By Inland Waterways.

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
STOT; Specific Target Organ Toxicity
EH A: Environmental Hazard Aquatic Acute
EH C: Environmental Hazard Aquatic Chronic

HAZARD AND/ OR PRECAUTIONARY STATEMENTS IN FULL

H226 - FLAMMABLE LIQUID AND VAPOUR.
H302 - HARMFUL IF SWALLOWED.
H304 - MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
H314 - CAUSES SEVERE SKIN BURNS AND EYE DAMAGE
H315 - CAUSES SKIN IRRITATION.
H317 - MAY CAUSE AN ALLERGIC SKIN REACTION.
H319 - CAUSES SERIOUS EYE IRRITATION.
H335 - MAY CAUSE RESPIRATORY 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.

(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.