

<b>1. Identification of the substances / mixture and of the company/undertaking.</b>			
<b>1.1 Product identifier: Rosemary Oil Spanish ct Camphor</b>			
<b>Substance name:</b>			
<b>Biological Definition</b>			
<b>INCI Name</b>			
<b>Synonyms &amp; Trade Names</b>			
<b>EC NO:</b> 283-291-9	<b>CAS NO:</b> 8000-25-7	<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> No further relevant information available.			
<b>Identified uses:</b> Multiple uses.			
<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</u> call NHS 111 or NHS 999		
<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	Skin Corr/ Irrit. 2 – H315	Skin Sens. 1 – H317
		STOT.2 - H371	Asp. Tox. 1 – H304
	Environment	Aquatic Acute. 1 – H400	Aquatic. Chronic. 2 – H411
<b>2.2 Label Element Labelling according to Regulation (EC) No.1272/2008:</b>			
			
<b>Signal Word. DANGER</b>			
Hazard-determining Components of Labelling		Eucalyptol Alpha Pinene Camphor Natural Beta Pinene Beta Caryophyllene	

		d-Limonene	
<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
H341	Suspected of causing genetic defects	H351	Suspected of causing cancer.
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.
<b>Precautionary statements.</b>			
P301+P310	IF SWALLOWED: Immediately call a POISON CENTRE / doctor		
P331	Do NOT induce vomiting.		
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.		
P362+P364	Take off contaminated clothing and wash it before reuse.		
P405	Store locked up.		
P501	Dispose of contents/ container in accordance with local / regional/ national/ international regulations.		
<b>Supplementary Precautionary Statements:</b>			
<b>2.3 Other hazards – Results of PBT and vPvB</b>	PBT – Not applicable. vPvB – Not applicable		
<b>Adverse Physio-chemical Properties</b>			
<b>Adverse Effects on Human Health</b>			

<b>3. 1 Composition / information on ingredients:</b>			
<b>Chemical Characterisation</b>		<b>Substances</b>	<b>Rosemary Oil</b>
<b>Identification Number (S)</b>		<b>CAS Number</b>	<b>8000-25-7</b>
		<b>EC Number</b>	<b>283-291-9</b>
<b>Substance name</b>	<b>Index number under CLP Annex VI</b>	<b>Weight % content (or range)</b>	<b>CL, M-Factor, ATE</b>
Eucalyptol	CAS: 470-82-6 EC: 207-431-5	25-50%	Flam. Liq. 3 -H226 Skin Sens. 1B – H317
Alpha Pinene	CAS: 80-56-8 EC: 201-291-9	2.5-10%	Flam. Liq. 3 – H226 Asp. Tox. 1 – H304 Acute Tox. 4 – H302 Skin Irrit. 2 – H315 Skin Sens. 1B -H317

			Aquatic Acute. 1 – H400 Aquatic Chronic. 1 -H410
Camphor Natural	CAS: 76-22-2 EC: 200-945-0	25-50%	Flam. Sol. 2 – H228 STOT SE. 2 – H371 Acute Tox. Oral. 4 – H302 Acute Tox. Inhal. 4 – H332
Beta Pinene	CAS: 127-91-3 EC: 204-872-5	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
Camphene	CAS: 79-92-5 EC: 201-234-8	2.5 – 10%	Flam. Sol. 1 – H228 Eye Irrit. 2 – H319 Aquatic Acute. 1 – H400 Aquatic Chronic. 1 – H410
Beta Caryophyllene	CAS: 87-44-5 EC: 201-746-1	2.5 – 10%	Asp. Tox. 1 – H304 Skin Sens. 1B – H317
Borneol	CAS: 507-70-0 EC: 208-080-0	2.5 – 10%	Flam. Sol. 2 – H228
d-Limonene	CAS: 68647-72-3 EC: 227-813-5	≤2.5%	Flam. Liq. 3 – H226 Asp. Tox. 1 – H304 Skin Irrit. 2 – H315 Skin Sens. 1 – H317 Aquatic Acute. 1 – H400 Aquatic Chronic. 1 – H410
Alpha Terpineol	CAS: 98-55-5 EC: 202-680-6	≤2.5%	Skin Irrit. 2 – H315 Eye Irrit. 3 – H319
Myrcene	CAS: 123-35-3 EC: 204-622-5	≤2.5%	Flam. Liq. 3 – H226 Asp. Tox. 1 – H304 Skin Irrit. 2 – H315 Aquatic Acute. 1 – H400 Aquatic Chronic. 2 – H411
p-cymene	CAS: 99-87-6 EC: 202-796-7	≤2.5%	Flam. Liq. 3 – H226 Asp. Tox. 1 – H304 Aquatic Chronic. 2 – H411
4-allylveratrole (Methyl Eugenol Natural)	CAS: 93-15-2 EC: 202-223-0	≤2.5%	Muta. 2 – H341 Carc. 2 – H351 Acute Tox. 4 – H302

#### **4. First Aid Measures**

<b>4.1</b> 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.
<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 full jet.
<b>5.2 Special hazards arising from the substances or mixture:</b>	
<b>Hazardous combustion products:</b>	Carbon monoxide (CO)
<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>	Prevent seepage into sewage system, workpits 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 – 6.3.1 For containment:</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>6.3.2 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.

## **7. Handling and storage**

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

#### **Protective measures:**

Prevent formation of aerosols.  
Ensure good ventilation/exhaustion at the workplace.  
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:**

Store only in unopened original receptacles.  
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:**

## **8. Exposure controls/Personal protection:**

<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>	Not required
<b>CAS</b>	76-22-2
<b>Material</b>	Camphor Natural
<b>WEL</b>	Short-term Value: 19 mg/m <sup>3</sup> , 3 ppm Long-term value: 13 mg/m <sup>3</sup> , 2 ppm
<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>	No information available.
<b>General Protective and Hygienic Measures</b>	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 skin. Avoid contact with the eyes and skin.
8.2.2.1 Eye / face protection	Tightly sealed goggles.
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. 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 cannot be calculated in advance and has therefore to be checked prior to the application. 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	According to product specification.
Appearance	Liquid
Odour	Characteristic



Aroma Formulations  
bespoke skincare innovations



PennyPrice  
Aromatherapy  
The English Aromatherapy Company

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

Melting Point / freezing point	Undermined
Boiling point /Initial boiling point & boiling range	
Flammability (Solid, Gas)	Not applicable.
Lower and upper explosion limit	
Flash point °C	47°C
Auto- ignition temperature	Not determined
Decomposition temperature	Not determined
pH	
Kinematic Viscosity	
Solubility in / Miscibility with Water	Not miscible or difficult to mix.
Solubility in other Solvents	
Evaporation Rate	Not determined.
Partition coefficient n-octanol/ water (log value)	
Vapour Pressure	
Density and /or relative density	
Relative vapour density	
Particle characteristics	
Explosive Properties	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Oxidising Properties	
<b>9.2 Other information</b>	No further relevant information available.
Specific gravity @ 20°C	0.890 to 0.920
Optical rotation @ 20°C	
Refractive index @ 20°C	
Typical analysis of major components	

**10. Stability and reactivity**

<b>10.1 Reactivity</b>	No further relevant information available.	
<b>10.2 Chemical Stability</b>	Thermal Decomposition/ Conditions to Avoid	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.

## **11. Toxicological information**

### **11.1 Information on hazard classes as defined in Regulation (EC) No 1272 /2008**

<b>Information on Toxicological Effects</b>		
<b>Acute toxicity:</b>	Based on available data, the classification criteria are not met	
<b>LD/LC50 Values Relevant for Classification</b>		
<b>80-56-8 Alpha pinene</b>		
Oral	LD50	3700 mg/kg (Rat)
Dermal	LD50	>5000 bw mg/kg (LAP)
76-22-2 Camphor Natural		
Oral	LD50	1310 mg/kg (Mus)
79-92-5 camphene		
Oral	LD50	>5000 mg/kg (LAP)
Dermal	LD50	>2500 mg/kg (LAP)
<b>Skin corrosion /irritation:</b>	Causes skin irritation.	
<b>Seriously eye damage/irritation:</b>	Based on available data, the classification criteria are not met.	
<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>	May cause damage to organs.	
<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 enters airways.	


## **12. Ecological information**




<b>12.1 Toxicity</b>	No further relevant information available.
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<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>	Very toxic for fish. Toxic for fish. Do not allow product to reach ground water, water course or sewage system, even in small quantities. Also poisonous for fish and plankton in water bodies. Very toxic for aquatic organisms. Toxic for aquatic organisms.
<b>12.5 Results of PBT and vPvB Assessment</b>	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	Must not be disposed together with household garbage. Do not allow product to reach sewage system.
13.1.1. Product /Packaging disposal:	
13.1.2 Waste treatment-relevant information:	Disposal must be made according to official regulations.
13.1.3 Sewage disposal-relevant information:	
13.1.4 Other disposal-relevant recommendations:	Disposal of contents/ containers 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	1169 EXTRACTS, AROMATIC, LIQUID
IMDG	EXTRACTS, AROMATIC, LIQUID (camphene, DIPENTENE), MARINE POLLUTANT
IATA	EXTRACTS, AROMATIC, LIQUID
14.3 Transport hazard class(es) ADR	 3 (F1) Flammable Liquids 3
Class	

Label	
IMDG	  3 Flammable liquids 3
Class Label	
IATA	 3 Flammable Liquid 3
Class Label	
14.4 Packing group ADR, IMDG, IATA	III
14.5 Environmental hazards	Product contains environmentally hazardous substances: Camphene Yes Symbol (fish and tree)
Marine Pollutant	
14.6 Special precautions for user	Warning: Flammable liquids
Danger Code (Kemler)	30
EMS Number	F-E, S-D
Stowage Category	A
14.7 Transport in bulk according to Annex II of MARPOL73/78 and IBC Code	Not applicable.
Transport/Additional Information ADR	
Limited Quantities (LQ)	5L
Excepted Quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30ml Maximum net quantity per outer packaging: 1000ml
Transport Category	3
Tunnel Restriction Code	D/E
IMDG	
Limited Quantities (LQ)	5L
Excepted Quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30ml Maximum net quantity per outer packaging: 1000ml

UN "Model Regulation"	UN1169 EXTRACTS, AROMATIC, LIQUID, 3, III
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**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	Substance is not listed
	SEVESO Category	E1 Hazardous to the Aquatic Environment. P5c FLAMMABLE LIQUIDS
	Qualifying Quantity (Tonnes) for the Application of Lower-tier Requirements	100 t
	Qualifying Quantity (Tonnes) for the Application of Upper-tier Requirements	200t
	Regulation (EC) NO. 1907/2006 ANNEX XVII	Conditions of restrictions: 3, 40
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" (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

**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  
**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 (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.