



<b>1. Identification of the substances / mixture and of the company/undertaking.</b>			
<b>1.1 Product identifier:</b>			
<b>Substance name:</b>			
<b>Biological Definition</b>	<b>Product Name:</b> Eucalyptus Dives Oil		
<b>INCI Name</b>	Eucalyptus Dives Leaf/Twig Oil		
<b>Synonyms &amp; Trade Names</b>			
<b>EC NO:</b> 289-839-3	<b>CAS NO:</b> 90028-48-1	<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> SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [SU10] Formulation [mixing] of preparations and/or re-packaging (excluding alloys); [PC39] Cosmetics, personal care. For use in the Cosmetics and Personal Care 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>Classification:</b> 67/548/ EEC: Flammable: H226			
<b>Classified according to Regulation (EC) 1272/2008 (CLP) as amended</b>	Physical and Chemical Hazards	Flam. Liq. 3 – H226	
	Human Health	Asp. Tox. 4 – H302	Eye Irrit. 4 – 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>			
H226	Flammable liquid and vapour	H302	Harmful if swallowed
H319	Causes serious eye irritation.		

<b>Precautionary statements.</b>			
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.		
P240	Ground/bond container and receiving equipment		
P242	Use only non sparking tools		
P241	Use explosion proof electrical/venting/lighting equipment		
P243	Take precautionary measures against static discharge.		
P270	Do not eat, drink or smoke when using this product.		
P280	Wear protective gloves/eye protection/face protection.		
P301+P312	IF SWALLOWED: Immediately call a POISON CENTER or doctor physician if feeling unwell.		
P303+P361+P353	IF ON SKIN (Hair): Remove/take off immediately all contaminated clothes. Rinse skin with water/shower.		
P305+P351+P266	IN IN EYES Rinse cautiously for several minutes, remove contact lenses if resent and easy to do. Continue rinsing.		
PP313+P317	If eye irritation persists, get medical attention		
P330	Rinse mouth.		
P370+P378	In case of fire: Use carbon dioxide, dry chemical, foam to extinguish.		
P403+P235	Store in well ventilated place/keep cool		
<b>Supplementary Precautionary Statements:</b>			
P240	Ground/bond container and receiving equipment		
P242	Use only non sparking tools		
P241	Use explosion proof electrical/venting/lighting equipment.		
P243	Take precautionary measures against static discharge.		
P270	Do not eat, drink or smoke when using this product.		
P280	Wear protective gloves/eye protection/face protection		
P264	Wash hands and exposed skin thoroughly after handling. P2		
P501	Dispose of contents in accordance with local, state or national legislation.		
<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:

#### Substances 67/548/EEC / 1999/ 45/EC

Substance name	Index number under CLP Annex VI	Weight % content (or range)	CL, M-Factor, ATE
Eucalyptus Dives Leaf/Twig Oil	CAS: 90028-48-1 EC: 289-839-3	100.00%	Flam. Liq. 3 – H226 Asp. Tox. 4 – H302 Eye Irrit.4 – H31

### 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.
<b>4.2 Most important symptoms and effects, both acute and delayed:</b>	
Allergic contact dermatitis. The most important symptoms and effects are stated in section 2.2 and section 11	
<b>4.3 Indication of any immediate medical attention and special treatment need</b>	
Treat symptomatically, see Section 4.1 for further information.	
<b>Additional information:</b>	
Possible symptoms caused by exposure: Hallucination, distorted perception, coma, diarrhoea, allergic dermatitis, sleep, ataxia, somnolence Pre-existing skin, eye or respiratory issues may be aggravated by prolonged contact.	
<b>5. Firefighting Measures</b>	
<b>5.1 Extinguishing Media:</b>	
<b>Suitable extinguishing media:</b>	Carbon dioxide, dry chemical, foam, halon or water fog, mist
<b>Unsuitable extinguishing media:</b>	Do not use water jet as an extinguisher, as this may scatter and spread fire.
<b>5.2 Special hazards arising from the substances or mixture:</b>	
<b>Hazardous combustion products:</b>	This product is flammable and vapours may travel leading to a flash-back if ignited. Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO <sub>2</sub> ), Carbon monoxide (CO), other toxic gases.
<b>5.3 Advice for firefighters</b>	Avoid inhalation of generated fumes or vapours. Wear self-contained breathing apparatus and appropriate protective clothing. Prevent runoff from entering drains, sewers
<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>	
<b>Emergency procedures:</b>	Wear protective clothing as described in Section 8 of this safety data sheet. Handle the product using protective gloves resistant to the chemicals exposed.

	Avoid contact with skin and inhalation of its vapours. Maintain adequate ventilation in the working area after spilling. For emergency responders: Wear an appropriate NIOSH / MSHA approved respirator if mist or vapour is generated.
<b>6.1.2 For Emergency responders</b>	
<b>6.2 Environmental precautions</b>	Do not discharge into drains, water courses or onto the ground. Keep away from surface and ground water.
<b>6.3 Methods for cleaning up – 6.3.1 For containment:</b>	Absorb with liquid binding/ absorbent material Collect in closed and suitable containers for disposal in accordance with local, state or national legislation. Contaminate area thoroughly and do not mix with wasted from other material. Wash spill site after removal with a detergent.
<b>6.3.2 For cleaning up:</b>	
<b>6.3.3. Other information:</b>	
<b>6.4 Reference to other sections</b>	See sections 4, 7, 8 & 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.

<b>Measures to prevent fire:</b>	Use only in area provided with adequate ventilation. Keep away from heat, sparks and open flame. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take necessary action to avoid static discharge as this might cause ignition of vapours.
<b>Measures to prevent aerosol and dust generation:</b>	
<b>Measures to protect the environment:</b>	
<b>Advice on general occupational hygiene:</b>	Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product. Wear personal protective equipment. Do not breathe vapours or spray mist.
<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>	Store in tightly-closed, original container in a dry, cool and well-ventilated area, away from potential sources of ignition and sunlight. Store away from incompatible materials (oxidising agents and acids)
<b>Storage Class: Further information on storage containers:</b>	
<b>7.3 Specific end use(s).</b>	For use in the Cosmetics and Personal Care Industry
<b>Recommendations:</b>	
<b>Industrial sector specific solutions:</b>	

<b>8. Exposure controls/Personal protection:</b>	
<b>8.1 Control parameters</b>	Use is well ventilated areas.
<b>8.2 Exposure controls</b>	An eyewash fountain and/or safety shower should be available in the work area. Acceptable industrial hygiene practices should be maintained. These precautions are for room temperature handling. Use at elevated temperatures or aerosol spray applications may require additional precautions. Avoid discharging into drainage water. Only eliminate by authorised companies.
<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 goggles/glasses in accordance with standard EN166.
8.2.2.2 Skin Protection	Wear protective skin covering/ Wear protective gloves that are resistant to chemical agents in accordance with standard EN374.
Hand protection	
Other skin protection	
8.2.2.3 Respiratory protection	Respiratory Protective Equipment (RPE) is not normally required where there is adequate natural or local exhaust ventilation to control build-up of excessive vapour. In confined or poorly ventilated area approved respiratory masks may be required.
Ventilation	

8.2.2.4 Thermal hazards	
<b>8.2.3 Environmental exposure controls</b>	
<b>General Information:</b>	Use personal protective equipment as required. Always observe good personal hygiene measures, such as washing hands after handling the material and before eating and drinking. See sections 2 & 7 for additional information.
<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	Mobile liquid
Odour	Camphoraceous, minty
Melting Point	1.5°C
Freezing Point	-22°C
Initial boiling point	174-176°C
Flammability (solid, gas)	No additional data available.
Lower and upper explosion limit	
Flash point °C	48°C
Evaporation rate	No additional data available.
Auto- ignition temperature	269 °C
Decomposition temperature	
pH	Not determined
Viscosity	1.6 - 2.1 mm <sup>2</sup> /s @ 40°C
Solubility in Water	Insoluble in water, 1 part miscible with 2 part ethanol (70% v/v) @ 20°C
Solubility in other Solvents	
Partition coefficient	Log <sub>10</sub> Pow = 3.4 - 5.5
Vapour Pressure	2100 Pa
Density and /or relative density	
Relative vapour density	
Particle characteristics	
Explosive Properties	No additional data available.
Oxidising Properties	
<b>9.2 Other information</b>	No additional information
Specific gravity	0.875 -0.925 @ 20°C
Optical rotation	-85.00 - -45.00 @ 20°C
Refractive index	1.455 – 1.495
Typical analysis of major components	
<b>10. Stability and reactivity</b>	
<b>10.1 Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>10.2 Chemical Stability</b>	Stable under the recommended handling and storage conditions. See section 7 for additional information.

<b>10.3 Possibility of hazardous reactions:</b>	Not expected under normal conditions of use.
<b>10.4 Conditions to avoid:</b>	Avoid excess heat, sparks, open flames and other sources of ignition. Avoid exposure to air over prolonged periods.
<b>10.5 Incompatible Materials:</b>	Avoid contact with strong acids, alkalis or oxidising agents. Protect from air.
<b>10.6 Hazardous Decomposition Products</b>	Thermal decomposition may release/form oxides of carbon (carbon monoxide, carbon dioxide) and other toxic gases.

## **11. Toxicological information**

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

#### **Information on Toxicological Effects**


<b>Acute toxicity:</b>	ACUTE ORAL TOXICITY: SKIN CORROSION/IRRIT.: EYE DAMAGE/IRRIT.:	Oral LD50 Rat: 1900 MG/KG Dermal LD50 rabbit: > 500mg/kg HET-CAM severe irritant
	Dermal Toxic dose	Feline: 5 -7mL/kg Canine: 00.143 - 0.164 g/kg Human (adult): > 25% (in white paraffin applied for 21 days)
	Oral Toxic dose	Human (adult): 0.5 - 1.0mL/kg after repeated low dose exposure Human (child): 0.5mL/kg
<b>Inhalation</b>	Not classified	
<b>Skin corrosion /irritation:</b>	Causes skin irritation. May cause an allergic skin reaction.	
<b>Seriously eye damage/irritation:</b>	Severe irritant. May cause redness, irritation and oedema.	
<b>Respiratory or skin sensitisation:</b>		
<b>Germ cell mutagenicity:</b>	Not classified.	
<b>Carcinogenicity:</b>	Not classified.	
<b>Reproductive toxicity:</b>	Not classified.	
<b>Summary of evaluation of the CMR properties:</b>		
<b>STOT- single exposure,</b>		
<b>STOT-repeated exposure:</b>	With repeated exposure, this product may cause damage to the following organs: blood, skin an central nervous system	
<b>Aspiration hazard:</b>	May be fatal if swallowed and enters airways.	

## **12. Ecological information**

<b>12.1 Eco Toxicity</b>	Not acutely toxic to aquatic life. LC50 > 100mg/L (OECD 203)
<b>12.2 Persistency &amp; degradability</b>	Readily Biodegradable

<b>12.3 Bio accumulative potential</b>	No data available
<b>12.4 Mobility in soil</b>	Prevent contamination of soil, ground and surface water
<b>12.5 Results of PBT and vPvB Assessment</b>	
<b>12.6 Endocrine disrupting properties</b>	
<b>12.7 Other adverse effects</b>	Do not discharge into the environment especially not into waterways, sewers and the sea. May cause adverse side effects in aquatic environment.

<b>13. Disposal considerations</b>	
13.1 Waste treatment methods	Do not contaminate the ground or water with waste. Do not dispose of waste into the environment.
13.1.1. Product /Packaging disposal:	Empty container completely. Keep label(s) on container. Dispose of via 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.
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	UN1169
14.2 UN proper Shipping name	EXTRACTS, AROMATIC, LIQUID
14.3 Transport hazard class(es) ADR/ RID IMDG ICAO / IATA	Class 3 Class 3 Class 3 Aircraft restrictions: 60L, Cargo aircraft 220L
Transport Label	
14.4 Packing group	III (P001, IBC02, LP01)
14.5 Environmental hazards	May cause adverse effects in aquatic environments.
14.6 Special precautions for user	
14.7 Maritime transport in bulk according to IMO instruments	

<b>15 Regulatory information</b>	
<b>15.1 Safety, health, and environmental regulations / legislation specific for the substance or mixture</b>	
<b>Statutory Instruments</b>	



The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

**Guidance Notes**

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

**EU Legislation**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments

**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

<b>EH A:</b> Environmental Hazard Aquatic Acute	
<b>EH C:</b> Environmental Hazard Aquatic Chronic	
<b>(iii) Key Literature references and sources of date.</b>	
<b>(iv) Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 (CLP):</b>	
<b>Classification according to Regulation (EC) 1272/2008(CLP)</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.
<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.	