


<b>1. Identification of the substances / mixture and of the company/undertaking.</b>		
<b>1.1 Product identifier: / Trade Name:</b> Aniseed Oil		
<b>Substance name:</b>		
<b>Biological Definition</b>		
<b>INCI Name</b>		
<b>Synonyms &amp; Trade Names</b>		
<b>EC NO:</b> 283-872-7	<b>CAS NO:</b> 8007-70-3	<b>EINECS CAS Number:</b> 84775-42-8
<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> Multiple uses in the Flavour and Fragrance industries.		
<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>Classified according to Regulation (EC) 1272/2008 (CLP) as amended</b>	Physical and Chemical Hazards		
	Human Health		
	Environment		
<b>2.2 Label Element Labelling according to Regulation (EC) No.1272/2008:</b>			
			
<b>Signal Word. WARNING</b>			
<b>Hazard statements.</b>			
H303	May be harmful if swallowed.	H316	Causes mild skin irritation.
H317	May cause an allergic skin reaction	H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.	H411	Toxic to aquatic life with long lasting effects.
<b>Precautionary statements.</b>			

P262	Do not get in eyes, on skin or on clothing.
P280	Wear protective gloves / protective clothing / eye protection / face protection.
P281	Use personal protective equipment as required.
P273	Avoid release to the environment.
P391	Collect spillage

**Supplementary Precautionary Statements:**

<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		Aniseed Oil 100%	
Substance name	Index number under CLP Annex VI	Weight % content (or range)	CL, M-Factor, ATE

**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>	
	No further relevant information available.
<b>4.3 Indication of any immediate medical attention and special treatment need</b>	
	Symptomatic treatment as required.

<b>5. Firefighting Measures</b>	
<b>5.1 Extinguishing Media:</b>	
<b>Suitable extinguishing media:</b>	Foam, CO <sub>2</sub> , Dry Powder.
<b>Unsuitable extinguishing media:</b>	
<b>5.2 Special hazards arising from the substances or mixture:</b>	
<b>Hazardous combustion products:</b>	Combustion Products: Carbon monoxide, Carbon dioxide, Smoke
<b>5.3 Advice for firefighters</b>	Do not use water as extinguishing media. No special firefighting equipment needed.

<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 clothing suitable for an emergency.
<b>Emergency procedures:</b>	
<b>6.1.2 For Emergency responders</b>	
<b>6.2 Environmental precautions</b>	
	Contain the leak with earth or sand. Prevent from entering drains, sewers and water courses. If this cannot be done, advise the local authority.
<b>6.3 Methods for cleaning up – 6.3.1 For containment:</b>	Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.
<b>6.3.2 For cleaning up:</b>	
<b>6.3.3. Other information:</b>	
<b>6.4 Reference to other sections</b>	

<b>7. Handling and storage</b>	
<b>7.1 Precautions for safe handling</b>	
<b>Protective measures:</b> 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>	
<b>Measures to prevent aerosol and dust generation:</b>	
<b>Measures to protect the environment:</b>	

<b>Advice on general occupational hygiene:</b>	
<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>	
<b>Storage Class:</b>	
<b>Further information on storage containers:</b>	Store in well-fitted, tightly closed original containers away from heat, light and sources of ignition.
<b>7.3 Specific end use(s).</b>	Used in Flavours and Fragrances.
<b>Recommendations:</b>	
<b>Industrial sector specific solutions:</b>	

<b>8. Exposure controls/Personal protection:</b>	
<b>8.1 Control parameters</b>	No data available
<b>DNELs for Workers</b>	No data available
<b>PNECs</b>	No data available
<b>8.2 Exposure controls</b>	
<b>Engineering Measures</b>	Use suitable handling equipment.
<b>8.2.2 Personal Protection equipment</b>	
8.2.2.1 Eye / face protection	Wear goggles.
8.2.2.2 Skin Protection	
Hand protection	Wear gloves.
Other skin protection	Wear suitable protective clothing.
8.2.2.3 Respiratory protection	Use only in well ventilated areas. Use protection in poor ventilation.
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	Clear
Appearance	Mobile liquid
Odour	Characteristic of Aniseed
Odour Threshold	No data available.

Melting Point / freezing point	Not applicable.
Boiling point /Initial boiling point & boiling range	Not applicable.
Flammability	Combustible
Lower and upper explosion limit	No data available.
Flash point °C	>93°C
Evaporation Rate	No data available.
Auto- ignition temperature	No data available.
Decomposition temperature	No data available.
pH	Not applicable.
Viscosity	No data available.
Solubility in Water	Insoluble
Solubility in other Solvents	Soluble
Partition coefficient (log Kow)	No data available
Vapour Pressure	No data available.
Vapour Density	No data available.
Relative vapour density	
Particle characteristics	
Explosive Properties	No data available.
Oxidising Properties	None.
<b>9.2 Other information</b>	
Specific gravity@ 20°C	0.979 to 0.985
Optical rotation @ 20°C	
Refractive index @ 20°C	
Typical analysis of major components	
Particle Size	Not applicable.

<b>10. Stability and reactivity</b>	
<b>10.1 Reactivity</b>	Will react with oxidising agents.
<b>10.2 Chemical Stability</b>	Stable under proper storage conditions.
<b>10.3 Possibility of hazardous reactions:</b>	Not if stored correctly.
<b>10.4 Conditions to avoid:</b>	Do not leave containers open to the air. Avoid storage at elevated temperatures and sources of ignition.
<b>10.5 Incompatible Materials:</b>	Oxidising agents.
<b>10.6 Hazardous Decomposition Products</b>	On combustion may produce smoke, Carbon monoxide and Carbon dioxide.

<b>11. Toxicological information</b>	
<b>11.1 Information on hazard classes as defined in Regulation (EC) No 1272 /2008</b>	
<b>Information on Toxicological Effects</b>	This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.
<b>Toxicokinetics:</b>	
<b>Acute toxicity:</b>	LD <sub>50</sub> 2570 mg/kg (Rat). Dermal 5000mg/kg (Rabbit).

<b>Skin corrosion /irritation:</b>	Causes skin irritation.
<b>Seriously eye damage/irritation:</b>	May cause serious eye irritation.
<b>Respiratory or skin sensitisation:</b>	May cause an allergic skin reaction.
<b>Germ cell mutagenicity:</b>	No data available.
<b>Carcinogenicity:</b>	Limited evidence of a carcinogenic effect.
<b>Reproductive toxicity:</b>	No data available.
<b>Summary of evaluation of the CMR properties:</b>	
<b>STOT- single exposure,</b>	No data available.
<b>STOT-repeated exposure:</b>	No data available.
<b>Aspiration hazard:</b>	No data available.

## **12. Ecological information**

<b>12.1 Toxicity</b>	No data available.
<b>12.2 Persistency &amp; degradability</b>	No data available.
<b>12.3 Bio accumulative potential</b>	No data available.
<b>12.4 Mobility in soil</b>	No data available.
<b>12.5 Results of PBT and vPvB Assessment</b>	No data available.
<b>12.6 Endocrine disrupting properties</b>	No data available.
<b>12.7 Other adverse effects</b>	No data available.

## **13. Disposal considerations**

13.1 Waste treatment methods	Do not dispose into drainage systems. Ensure disposal is within local and national guidelines. Consult a specialist waste disposal company for correct disposal procedure and/or seek other expert advice.
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 ADR, IMDG, ICAO	UN3082
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14.2 UN proper Shipping name ADR, IMDG, ICAO	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
14.3 Transport hazard class(es) ADR, IMDG, ICAO	9
14.4 Packing group ADR, IMDG, ICAO	III
14.5 Environmental hazards	
14.6 Special precautions for user	
14.7 Maritime transport in bulk according to IMO instruments	

### 15 Regulatory information

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

This substance is listed as existing in Europe.

15.2 Chemical Safety Assessment	A chemical safety assessment has not been carried out for this product.
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### 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):**

<b>Classification according to Regulation (EC) 1272/2008(CLP)</b>	<b>Classification procedure</b>
<b>(v) Relevant H-statements (number and full text):</b>	
<b>(vi) Training advice:</b>	
<b>(vii) Reference and Further information:</b>	Food Cosmetics Toxicology 13 715 (1975).
<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.