



Penny Price Aromatherapy/ Aroma Formulations SAFETY DATA SHEET

Aroma Formulations bespoke skincare innovations Aromatherapy The English Aromatherapy Company	According to Reg	ulation (E0	C) No.1272/200	08
1. Identification of the substances / mi	ixture and of the	company	/undertaking.	
1.1 Product identifier: Cardamon See	ed Oil			
Substance name:				
Biological Definition				
INCI Name	ELETTARIA CARI	DAMOMU	M SEED OIL	
Synonyms & Trade Names				
EC NO: 288-922-1	CAS NO: 8000-6	56-6	EINECS CAS N	lumber: 85940-32-5
Index No:	Reach Registra	tion No:		
1.2 Relevant identified uses of the subs	stance or mixture	and uses	advised agains	<u>st</u>
Identified uses: Multiple uses in the Flav	our and Fragranc	e industrie:	5	
Uses advised against:				
1.3 Details of the supplier of the safety	data sheet			
Company	Penny Price Aro	matherapy	Ltd	
	Unit D3 Radius	Court		
	Maple Drive			
	Hinckley			
	Leicestershire LE10 3BE			
Email	info@penny-pri	ce.com		
1.4 Emergency Telephone Number	00 44 (0) 1455 251020 opening hours Mon – Thurs 9am – 5pm, Fri			
	9am – 2pm. <u>Or call NHS 111 or NHS 999</u>			
2. Hazards Identification				
2.1 Classification of the substance or m	T	I		
Classified according to Regulation	Physical and	Flam. Liq.	3 -H226	
(EC) 1272/2008 (CLP) as amended	Chemical			
	Hazards			1
	Human Health	Skin Corr	/ Irrit. 2 -	Skin Sens. 1 – H317

2.1 Classification of the substance or mixture			
Classified according to Regulation	Physical and	Flam. Liq. 3 -H226	
(EC) 1272/2008 (CLP) as amended	Chemical		
	Hazards		
	Human Health	Skin Corr/ Irrit. 2 -	Skin Sens. 1 – H317
		H315	
		Eye Dam / Irrit. 2 –	Asp. Hazard. 1 – H304
		H319	
	Environment	Aquatic. Long Term. 2 –	

H411

2.2 Label Element Labelling according to Regulation (EC) No.1272/2008:









Signal Word. DANGER

Hazard statements.			
H226	Flammabale liquid and vapour	H304	Maybe fatal if swallowed and enters the airways.
H315	Causes skin irritation	H317	May cause an allergic skin reaction





H318	Causes serious eye damage	H319	Causes serous eye irritation.
H320	Causes eye irritation	H410	Very toxic to aquatic life with long lasting
11320	Causes eye iiiitation	11410	effects
H411	Toxic to aquatic life with long		Circus
	lasting effects.		
Precautionary state	1 3		
P102	Keep out od reach of children.		
P210	Keep away from heat, sparks, open	flames and	hot surfaces. No smoking
P233	Keep container tightly closed.	Harries arie	a not surfaces. No smoking.
P240	Ground/bond container and receiv	ina equipm	nent
P241	Use explosion-proof electrical, vent		
P242	Use only non-sparking tools.	thathig and	пункту счиртен.
P243	Take precautionary measures again	nst static di	scharge
P261	Avoid breathing vapour or dust.	ist static ai.	scharge.
P264	Wash hands and other contacted s	kin thoroug	ahly after handling
P272	Contaminated work clothing should	•	-
P273	Avoid release to the environment.	a not be an	owed out of the workplace.
P280	Wear protective gloves/eye protect	tion/face n	rotection
P301+P310	IF SWALLOWED: Immediately call a		
P303+P361+P353			ately all contaminated clothing. Rinse skin
F303+F301+F333	with water/shower.	on minieui	ately all contaminated clothing. Ninse skill
P305+P351+P338	·	water for s	several minutes. Remove contact lenses if
13031133111330			reveral fillilates. Remove contact lenses if
P310	present and easy to do – continue rinsing. Immediately call a POISON CENTRE or doctor.		
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.		
P362	Take off contaminated clothing and wash before reuse.		
P363	Wash comtaminated clothing before reuse.		
P370+P378	In case of fire: Use Carbon dioxide, dry chemical, foam for extinction		
P391	Collect spillage.		
P403+P235	Store in a well-ventilated place. Keep cool.		
P405	Store locked up.		
P501		pproved di	sposal site, in accordance with local
1 50 1	Dispose of contents/container to approved disposal site, in accordance with local regulations.		
Supplementary Pre	cautionary Statements:		
- Сирристину г г с			
2.3 Other hazards	None		
- Results of PBT	2.1.2		
and vPvB			
According to			
Annex XIII			
Adverse Physio-			
chemical			
Properties			





Adverse Effects on Human Health

Substances	Product Identifier		Cardamon Seed Oil
	EINCES CAS Number	*	85940-32-5
	CAS Number		8000-66-6
	EC Number		288-922-1
Contains:	,		•
Substance name	Index number under CLP Annex VI	Weight %	CL, M-Factor, ATE
		content (or range)	
Eucalyptol	CAS: 470-82-6 EC: 207-431-5	32.00%	Flam.Liq. 3 – H226 Skin Sens. 1B –H317
Linalyl Acetate	CAS: 115-95-7 EC: 204-116-4	8.00%	Skin Corr/ Irrit. 2 -H315 Eye Dam / Irrit. 2 – H319
Linalool	CAS: 78-70-6 EC: 201-134-4	5.00%	Skin Corr / Irrit. 2- H315 Eye Dam / Irrit. H319 Skin Sens. 1B – H317
d-Limonene	CAS: 5989-27-5 EC: 227-813-5	3.50%	Flam.Liq. 3 – H226 Skin Corr/ Irrit. 2 – H315 Skin Sens. 1B – H317 Asp. Hazard. 1 – H304 Aquatic Acute. 1 / Aquatic Chronic.1 – H410
Alpha Terpineol	CAS: 98-55-5 EC: 202-680-6	3.00%	Skin Corr / Irrit. 2 – H315 Eye Dam / Irrit. 2 - H319
Myrcene	CAS: 123- 35-3 EC: 204-622-5	3.00%	Flam.Liq. 3 -H226 Skin Corr / Irrit. 2 – H315 Eye Dam / Irrit. 3 – H319 Asp. Hazard. 1 – H304
Alpha Pinene	CAS: 80 -56-8 EC: 201-291-9	2.50%	Flam. Liq. 2 – H226 Skin Corr / Irrit. 2 - H315 Skin Sens. 1B – H317 Asp. Hazard. 1 – H304 Aquatic Acute. 1 / Aquatic Chronic. 1 – H410
Geraniol	CAS: 106-24-1 EC: 203-377-1	2.00%	Skin Corr / Irrit. 2 – H315 Eye Dam / Irrit. 1 – H318 Skin Sens. 1 - H317
Citral	CAS: 5392-40-5 EC: 226-394-6	1.50%	Skin Corr / Irrit. 2 – H315 Eye Dam / Irrit. 2 – H319 Skin Sens. 1B – H317
Nerolidol (Isomer Unspecified)	CAS: 7212-44-4 EC: 230-597-5	1.50%	Aquatic Acute. 1 – H410 Aquatic Chronic. 1 -H420
Terpinolene	CAS: 586-62-9 EC: 209-579-0	1.00%	Skin Sens. 1B – H317 Asp. Hazard. 1 – H304 Aquatic Acute. 1 / Aquatic Chronic. 1 – H410





Beta Pinene	CAS: 127-91-3 EC: 204-872-5	1.00%	Flam.Liq. 2 – H226 Asp. Hazard. 1 – H304 Skin Corr / Irrit. 2 – H315 Skin Sens. 1B – H317 Aquatic Acute / Aquatic Chronic. 1 –
			H410

4. First Aid Measures			
4.1 General	Immediately remove any clothing soiled by the product.		
Laborate de la companya de la compan			
Inhalation	Remove person to fresh air and keep comfortable for breathing.		
Evo contact	Obtain medical attention if required. IF IN EYES: Rinse cautiously with water for several minutes. Remove		
Eye contact	contact lenses if present and easy to do – continue rinsing. If irritation		
	persists seek medical advice / attention.		
Skin contact	IF ON SKIN (or Hair): Take off all contaminated clothing. Rinse skin		
Skiii Contact	with water/shower. If irritation persists seek medical attention.		
Ingestion	IF SWALLOWED; Immediately call POISON CENTER or GP. Rinse		
ingestion	mouth out with water. Do NOT induce vomiting. Do not give milk or		
	fatty oils.		
4.2 Most important symptoms and	May be fatal if swallowed and enters airways.		
effects, both acute and delayed:	Causes skin irritation.		
,	May cause an allergic skin reaction.		
	Causes serious eye irritation		
4.3 Indication of any immediate medica	al attention and special treatment need		
None expected, see Section 4.1 for further			
5. Firefighting Measures			
5.1 Extinguishing Media:			
Suitable extinguishing media:	Carbon dioxide, dry chemical, foam.		
Unsuitable extinguishing media:			
5.2 Special hazards arising from the sub	ostances or mixture:		
Hazardous combustion products:	In case of fire, may be liberated: Carbon monoxide, unidentified		
	organic compounds		
5.3 Advice for firefighters	In case of insufficient ventilation, wear suitable respiratory equipment.		
6 Accidental release measures			
6.1 Personal precautions, protective	Avoid inhalation. Avoid contact with skin and eyes. See protective		
equipment, and emergency	measures under Section 7 and 8.		
procedures			
6.1.1 For non-emergency personnel			
Protective equipment:			
Emergency procedures:			





6.1.2 For Emergency	responders	
6.2 Environmental p	recautions	Keep away from drains, surface and ground water, and soil.
6.3 Methods for clea	ning up – 6.3.1	Remove ignition sources. Provide adequate ventilation. Avoid
For containment:		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 informa		
6.4 Reference to oth		Also refer to Sections 8 and 13
7. Handling and sto		
7.1 Precautions for s		
Protective measures		
Prevent formation of a		
	•	m sources of ignition. DO NOT SMOKE.
	• .	ndustrial hygiene practices, ensuring proper workplace ventilation.
		not eat, drink or smoke whilst handling.
Measures to	Keep away from he	eat, sparks, open flames and hot surfaces. No smoking.
prevent fire:		
Measures to		
prevent aerosol		
and dust		
generation:		
Measures to		
protect the		
environment:		
Advice on general		
occupational		
hygiene:		
7.2 Conditions for sa	fe storage, includir	ng any incompatibilities
Technical		
measures and		
storage conditions:		
Packaging		
Materials:		
Requirements for	Ground/bond conta	ainer and receiving equipment.
storage and	Use only non-spark	•
vessels:	Take precautionary	measures against static discharge.
Storage Class:		
Further		





information on storage containers:	
7.3 Specific end use(s).	Flavours, Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.
Recommendations:	
Industrial sector specific solutions:	

8. Exposure controls/Personal protection	
8.1 Control parameters	Workplace Exposure Limits: Not applicable.
8.2 Exposure controls	
Engineering Measures	Ensure good ventilation of working area.
8.2.2 Personal Protection equipmer	
8.2.2.1 Eye / face protection	Wear protective gloves/eye protection/face protection.
8.2.2.2 Skin Protection	
Hand protection	
Other skin protection	
8.2.2.3 Respiratory protection	Under normal conditions of use and where adequate ventilation 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 personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material. Also refer to Sections 2 and 7.
Ventilation	
8.2.2.4 Thermal hazards	
8.2.3 Environmental exposure controls	
9. Physical and chemical properties-	
9.1 Information on basic physical and	
Colour	Very pale straw colour.
Appearance	Liquid
Odour	Fresh, camphoraceous, spict
Odour Threshold	Not determined
Melting Point / freezing point	Not determined
Boiling point /Initial boiling point & boiling range	Not determined
Flammability (Solid, Gas)	Not determined
Lower and upper explosion limit	Product does not present an explosion hazard.





Flash point ⁰ C	57°C
Auto- ignition temperature	
Decomposition temperature	Not determined
рН	Not determined
Viscosity	Not determined
Solubility(ies)	Insoluble in water
Solubility in other Solvents	
Partition coefficient n-octanol/ water	Not determined
(log value)	
Vapour Pressure	Not determined
Relative Density	0.9170-0.9470
Vapour density	Not determined
Particle characteristics	
Explosive Properties	Not expected
Oxidising Properties	Not expected
9.2 Other information	None available
Specific gravity	
Optical rotation @ 20°C	
Refractive index @ 20°C	
Typical analysis of major components	

10. Stability and reactivity	
10.1 Reactivity	Presents no significant reactivity hazard, by itself or in contact with water.
10.2 Chemical Stability	Good stability under normal storage conditions.
10.3 Possibility of hazardous reactions:	Not expected under normal conditions of use.
10.4 Conditions to avoid:	Avoid extreme heat.
10.5 Incompatible Materials:	Avoid contact with strong acids, alkalis or oxidising agents.
10.6 Hazardous Decomposition Products	Not expected.

11. Toxicological inf	<u>formation</u>		
11.1 Information on	11.1 Information on hazard classes as defined in Regulation (EC) No 1272 /2008		
Information on Toxi	Information on Toxicological Effects		
Acute toxicity:	Based on available data the classification criteria are not met.		
	Acute Toxicity Oral	>5000	
	Acute Toxicity Deraml	>5000	
	Acute Toxicity inhalation	Not available	
Skin corrosion	Skin Corrosion/Irritation Category 2.		
/irritation:			
Seriously eye	Eye Damage/Irritation Category 2.		
damage/irritation:			
Respiratory or skin	Sensitisation – Skin Category 1.		
sensitisation:			





Germ cell mutagenicity:	Based on available data the classification criteria are not met.
Carcinogenicity:	Based on available data the classification criteria are not met.
Reproductive	Based on available data the classification criteria are not met.
toxicity:	
Summary of	
evaluation of the	
CMR properties:	
STOT- single	Based on available data the classification criteria are not met.
exposure,	
STOT-repeated	Based on available data the classification criteria are not met.
exposure:	
Aspiration hazard:	Based on available data the classification criteria are not met.
Information about	Not applicable. Refer to Sections 2 and 3 for additional information.
Hazardous	
Ingredients in the	
Mixture	

12. Ecological information	
12.1 Toxicity	Toxic to aquatic life with long lasting effects.
12.2 Persistency & degradability	Not available.
12.3 Bio accumulative potential	Not available.
12.4 Mobility in soil	Not available.
12.5 Results of PBT and vPvB	This substance does not meet the PBT/vPvB criteria of REACH, annex
Assessment	XIII.
12.6 Endocrine disrupting properties	
12.7 Other adverse effects	Not available.

13. Disposal considerations	
13.1 Waste treatment methods	Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.
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	Dispose of the contents / container in accordance with local /
recommendations:	regional/ national / international regulations.

14. Transport information	
14.1 UN Number or ID number	UN1169
14.2 UN proper Shipping name	EXTRACTS, AROMATIC, LIQUID
14.3 Transport hazard class(es) 3	





Sub Risk	-
14.4 Packing group	III
14.5 Environmental hazards	This is an environmentally hazardous substance.
14.6 Special precautions for user	None additional.
14.7 Transport in bulk according to	Not applicable.
Annex II of MARPOL 73/78 and the IBC	
Code	

15 Regulatory information	
15.1 Safety, health, and	None additional
environmental regulations /	
legislation specific for the substance	
or mixture	
15.2 Chemical Safety Assessment	A chemical safety assessment has not been carried out for this
·	product.

(i) Indication of Cha	nges: Revised Safety Data She	et Format: From March 2019. – Section 2 and 3
	_	er each section in line with Regulation EC) No
1272/2008 Version	·	3
Concentration % Limits	EH C2	26.32%
	EH C3	2.63%
	SCI 2	33.90%
	EDI 2	24.69%
	EDI 2 A	23.81%
	SS 1	3.13%
	AH 1	90.91%
Total Fractional Values	EH C2	3.80
	EH C3	38.00
	SCI 2	2.95
	EDI 2	4.05
	EDI 2A	4.20
	SS 1	32.00
	AH 1	1.10

(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. Lig: 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

STOT: Specific Target Organ Toxicity – SE – Single Exposure **STOT**: Specific Target Organ Toxicity – RE – Repeated Exposure

- (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	Classification procedure
Regulation (EC)	
1272/2008(CLP)	
(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.