



SAFETY DATA SHEET
TRADE NAME: CARDAMON
SEED OIL GUATEMALA

REVISION: 27.09.2021

1 Identification of the Substance/Mixture and of the Company/Undertaking

1.1	Trade Name	CARDAMON SEED OIL GUATEMALA
	INCI Name	ELETTARIA CARDAMOMUM SEED OIL
	EINECS CAS Number	85940-32-5
	CAS Number	8000-66-6
	EC Number	288-922-1
1.2	Relevant Identified Uses of the Substance or Mixture and Uses Advised Against	Multiple uses in the Flavour and Fragrance industries.
1.3	Details of the Supplier of the Safety Data Sheet	The Soap Kitchen Limited Unit 8, Caddsdow Industrial Park Clovelly Road Bideford North Devon EX39 3DX

2 Hazards Identification

2.1 Classification of the Substance or Mixture:

Classification in Accordance with GHS Hazard Codes:

H226	Flammable liquid and vapour.
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.

Classification in Accordance with the Classification Labelling and Packaging Regulation EC No. 1272/2008:

Hazard Statements:

H226	Flammable liquid and vapour.
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:

P262	Do not get in eyes, on skin, or on clothing.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P331	Do NOT induce vomiting.
P391	Collect spillage.

2.2 Label Elements:

Signal Word	DANGER
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Hazard Pictograms:



3 Composition/Information on Ingredients

3.1	Substances	Product Identifier	CARDAMON SEED OIL
		EINECS CAS Number	85940-32-5
		CAS Number	8000-66-6
		EC Number	288-922-1

3.2 Contains:

Name	CAS	EC	Max.	Classification for (CLP) 1272/2008
Eucalyptol	470-82-6	207-431-5	32.00%	FL 3-SS 1B; H226-H317
Linalyl Acetate	115-95-7	204-116-4	8.00%	SCI 2-EDI 2; H315-H319
Linalool	78-70-6	201-134-4	5.00%	SCI 2-EDI 2-SS 1B; H315-H317-H319
d-Limonene	5989-27-5	227-813-5	3.50%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1; H226-H304-H315-H317-H410
Alpha Terpineol	98-55-5	202-680-6	3.00%	SCI 2-EDI 2; H315-H319
Myrcene	123-35-3	204-622-5	3.00%	FL 3-SCI 2-EDI 2-AH 1; H226-H304-H315-H319
Alpha Pinene	80-56-8	201-291-9	2.50%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1; H226-H304-H315-H317-H410
Geraniol	106-24-1	203-377-1	2.00%	SCI 2-EDI 1-SS 1; H315-H317-H318
Citral	5392-40-5	226-394-6	1.50%	SCI 2-EDI 2-SS 1B; H315-H317-H319
Nerolidol (Isomer Unspecified)	7212-44-4	230-597-5	1.50%	EH A1-EH C1; H320-H410
Terpinolene	586-62-9	209-578-0	1.00%	SS 1B-AH 1-EH A1-EH C1; H304-H317-H410
Beta Pinene	127-91-3	204-872-5	1.00%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1; H226-H304-H315-H317-H410

4 First Aid Measures

4.1 Description of First Aid Measures:

Eye Contact	Irrigate the eyes with copious volumes of water for at least 15 minutes with the eyelids held open. Seek medical advice if inflammation persists.
Inhalation	Remove person to fresh air, remove any contaminated clothing, in case of breathing difficulty seek medical advice.
Skin Contact	Wash affected area with soap and running water, if irritation persists seek medical advice.
Ingestion	Dilute internally with water, do not induce vomiting. Seek medical advice immediately.



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4.2	Most Important Symptoms and Effects, both Acute and Delayed	
4.3	Indication of Immediate Medical Attention and Special Treatment Needed	Symptomatic treatment as required.

5 Fire-fighting Measures

5.1	Extinguishing Media	Foam, Carbon dioxide (CO ₂), dry powder.
5.2	Special Hazards Arising from the Substance or Mixture	Combustion products: Carbon monoxide (CO), Carbon dioxide (CO ₂), smoke.
5.3	Advice for Fire-fighters	Do not use water as extinguishing media. No special firefighting equipment required.

6 Accidental Release Measures

6.1	Personal Precautions, Protective Equipment and Emergency Procedures	Wear clothing suitable for an emergency.
6.2	Environmental Precautions	Contain the leak with earth or sand. Prevent from entering drains, sewers and water courses. If this cannot be done, advise the local authority.
6.3	Methods and Material for Containment and Cleaning Up	Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

7 Handling and Storage

7.1	Precautions for Safe Handling	Handle in a well-ventilated area, away from sources of ignition. DO NOT SMOKE.
7.2	Conditions for Safe Storage, Including any Incompatibilities	Store in well-filled, tightly closed containers away from heat, light and sources of ignition.
7.3	Specific End Use(s)	Used in Flavours and Fragrances.

8 Exposure Controls/Personal Protection

8.1	Control Parameters	No data available.
	DNELs for Workers	No data available.
	PNECs	No data available.

8.2 Exposure Controls:

Engineering Controls	Use suitable handling equipment.
Respiratory Protection	Use only in well ventilated areas. Use protection in poor ventilation.
Hand Protection	Wear gloves.
Eye Protection	Wear goggles.
Skin Protection	Wear suitable protective clothing.



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9 Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties:

Appearance	Clear, mobile liquid.
Odour	Camphoraceous, characteristic of cardamon.
Odour Threshold	No data available.
pH	Not applicable.
Melting Point	Not applicable.
Boiling Point	Not applicable.
Flash Point	59°C
Evaporation Rate	No data available.
Flammability	Flammable.
Upper/Lower Flammability Limits	No data available.
Vapour Pressure	No data available.
Vapour Density	No data available.
Specific Gravity	0.920 to 0.940
Solubility in Water	Insoluble.
Solubility in Other Solvents	Soluble.
Partition Coefficient (log Kow)	No data available.
Auto-ignition Temperature	No data available.
Decomposition Temperature	No data available.
Viscosity	No data available.
Explosive Properties	No data available.
Oxidising Properties	None.
Particle Size	Not applicable.

10 Stability and Reactivity

10.1	Reactivity	Will react with oxidising agents.
10.2	Chemical Stability	Stable under proper storage conditions.
10.3	Possibility of Hazardous Reactions	Not if stored correctly.
10.4	Conditions to Avoid	Do not leave containers open to the air. Avoid storage at elevated temperatures and sources of ignition.
10.5	Incompatible Materials	Oxidising agents.
10.6	Hazardous Decomposition Products	On combustion may produce smoke, Carbon monoxide (CO) and Carbon dioxide (CO ₂).

11 Toxicological Information

11.1	Information on Toxicological Effects	This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.
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Toxicokinetics	Acute Toxicity	No information available.
	Skin Corrosion/Irritation	Causes skin irritation.
	Serious Eye Damage/Irritation	May cause eye irritation.



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	Respiratory/Skin Sensitisation	May cause an allergic skin reaction.
	Germ Cell Mutagenicity	No information available.
	Carcinogenicity	No information available.
	Reproductive Toxicity	No information available.
	STOT-single Exposure	No data available.
	STOT-repeated Exposure	No data available.
	Aspiration Hazard	No data available.

12 Ecological Information

12.1	Toxicity	No data available.
12.2	Persistence and Degradability	No data available.
12.3	Bioaccumulative Potential	No data available.
12.4	Mobility in Soil	Not data available.
12.5	Results of PBT and vPvB Assessment	No data available.
12.6	Other Adverse Effects	

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.
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14 Transport Information

14.1	UN 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 Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

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

16.1 List of Abbreviations Used in this SDS:

CAS	Chemical Abstracts Service.
CLP	Classification, Labelling and Packaging Regulation (EC) No. 1272/2008.
EC	European Community/Commission.
PBT	Persistent, Bioaccumulative and Toxic.
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No. 1907/2006.
vPvB	Very Persistent, very Bioaccumulative.

WARNING/DISCLAIMER:

The information in this Safety Data Sheet is based on the properties of the material known to H Reynaud & Fils (UK) Ltd at the time the data sheet was issued. The safety data sheet is intended to provide information for health and safety assessment of the material and the circumstances under which it is packaged, stored or applied in the workplace. This document is not intended for quality assurance purposes.

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