

**SAFETY DATA SHEET**  
**TRADE NAME: CORIANDER**  
**SEED OIL**

REVISION: 28.06.2016

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

**1.1 Trade Name:** CORIANDER SEED OIL

**1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:**

No further relevant information available.

**Application of the Substance/the Preparation:**

Multiple uses.

**1.3 Details of the Supplier of the Safety Data Sheet:**

**Manufacturer/Supplier:**

Ancient Wisdom Marketing Limited

Block B, Parkwood Business Park, 75 Parkwood Road, Sheffield, S3 8AL.

TEL: 0114 2729165

FAX: 0114 2706571

EMAIL: care@ancientwisdom.biz

**1.4 Further Information Obtainable from:** care@ancientwisdom.biz

**1.5 Emergency Telephone Number:** 0114 272 9165

**2 Hazards Identification**

**2.1 Classification of the Substance or Mixture:**

**Classification According to Regulation (EC) No. 1272/2008:**

<b>GHS08 Health Hazard</b>	Asp. Tox. 1	H304 May be fatal if swallowed and enters airways.
<b>GHS05 Corrosion</b>	Eye Dam. 1	H318 Causes serious eye damage.
<b>GHS09 Environment</b>	Aquatic Chronic 2	H411 Toxic to aquatic life with long lasting effects.
<b>GHS07</b>	Skin Irrit. 2	H315 Causes skin irritation.
	Skin Sens. 1	H317 May cause an allergic skin reaction.

**2.2 Label Elements:**

**Labelling According to Regulation (EC) No. 1272/2008:**

The product is classified and labelled according to the CLP regulation

**Hazard Pictograms:**



<b>Signal Word</b>	DANGER
<b>Hazard-determining Components of Labelling</b>	Geraniol d-Limonene bornan-2-one Geranyl Acetate Alpha pinene

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	Terpinolene (S)-p-mentha-1, 8-diene Beta pinene
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**Hazard Statements:**

<b>H315</b>	Causes skin irritation.
<b>H318</b>	Causes serious eye damage.
<b>H317</b>	May cause an allergic skin reaction.
<b>H304</b>	May be fatal if swallowed and enters airways.
<b>H411</b>	Toxic to aquatic life with long lasting effects.

**Precautionary Statements:**

<b>P261</b>	Avoid breathing dust/fume/gas/mist/vapours/spray.
<b>P301+P310</b>	IF SWALLOWED: Immediately call a POISON CENTRE/doctor.
<b>P305+P351+P338</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>P405</b>	Store locked up.
<b>P501</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3 Other Hazards:**

<b>Results of PBT Assessment</b>	Not applicable.
<b>Results of vPvB Assessment</b>	Not applicable.

**3 Composition/Information on Ingredients**

**3.1 Chemical Characterisation:**

**Mixtures:**

<b>Description</b>	NCS (UVCB) Constituents Information
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**3.2 Hazardous Components:**

ID Numbers	Chemical Name, Classification & Hazards	%
CAS: 78-70-6 EINECS: 201-134-4	Linalool Skin Irrit. 2, H315; Eye Irrit. 2, H319	50-100
CAS: EINECS: 283-406-2	Eucalyptus Terpens Flam. Liq. 3, H226; Asp. Tox. 1, H304	2.5-10
CAS: 5989-27-5 EINECS: 227-813-5	d-limonene Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1B,	2.5-10

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	H317	
CAS: 76-22-2 EINECS: 207-355-2	bornan-2-one Flam. Sol. 2, H228; STOT SE 2, H371; Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Sens. 1, H317	2.5-10
CAS: 106-24-1 EINECS: 203-377-1	Geraniol Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1, H317	2.5-10
CAS: 105-87-3 EINECS: 203-341-5	Geranyl Acetate Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412	≤2.5
CAS: 80-56-8 EINECS: 201-291-9	Alpha pinene Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1, H317	≤2.5
CAS: 586-62-9 EINECS: 209-578-0	Terpinolene Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1B, H317	≤2.5
CAS: 5989-54-8 EINECS: 227-815-6	(S)-p-mentha-1, 8-diene Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1B, H317	≤2.5
CAS: 127-91-3 EINECS: 204-872-5	Beta pinene Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1B, H317	≤2.5
CAS: 79-92-5 EINECS: 201-234-8	camphene Flam. Sol. 1, H228; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Eye Irrit. 2, H319	≤2.5
<b>Additional Information</b>	For the wording of the listed risk phrases refer to Section 16.	

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**4 First Aid Measures**

<b>4.1</b>	<b>Description of First Aid Measures</b>	Immediately remove any clothing soiled by the product.
	<b>Inhalation</b>	Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation. Supply fresh air.
	<b>Skin Contact</b>	Immediately wash with water and soap and rinse thoroughly. Immediately rinse with water. If skin irritation continues, consult a doctor.
	<b>Eye Contact</b>	Rinse opened eye for several minutes under running water. Then consult a doctor.
	<b>Ingestion</b>	Inform doctor. Don not give milk or fatty oils.
<b>4.2</b>	<b>Most Important Symptoms and Effects, both Acute and Delayed</b>	No further relevant information available.
<b>4.3</b>	<b>Indication of Immediate Medical Attention and Special Treatment Needed</b>	No further relevant information available.

**5 Fire-fighting Measures**

<b>5.1</b>	<b>Suitable Extinguishing Agents</b>	Carbon dioxide (CO <sub>2</sub> ), powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
	<b>Unsuitable Extinguishing Agents</b>	Water with full jet.
<b>5.2</b>	<b>Special Hazards Arising from the Substance or Mixture</b>	Carbon monoxide (CO).
<b>5.3</b>	<b>Advice for Fire-fighters</b>	No special measures required.

**6 Accidental Release Measures**

<b>6.1</b>	<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Wear protective equipment. Keep unprotected persons away.
<b>6.2</b>	<b>Environmental Precautions</b>	Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system.
<b>6.3</b>	<b>Methods and Material for Containment and Cleaning Up</b>	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Use neutralising agent. Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.
<b>6.4</b>	<b>Reference to Other Sections</b>	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See

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		Section 13 for disposal information.
<b>7 Handling and Storage</b>		
7.1	<b>Precautions for Safe Handling</b>	Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.
	<b>Information about Fire and Explosion Protection</b>	No special measures required.
7.2	<b>Conditions for Safe Storage, Including any Incompatibilities</b>	Store only in unopened original receptacles. Keep receptacle tightly sealed. Store in the dark.
7.3	<b>Specific End Use(s)</b>	No further relevant information available.
<b>8 Exposure Controls/Personal Protection</b>		
<b>8.1 Control Parameters:</b>		
<b>Additional Information about Design of Technical Facilities</b>	No further data, see item 7.	
<b>Ingredients with Limit Values that Require Monitoring at the Workplace</b>		
<b>76-22-2 bornan-2-one</b>		
<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>Personal Protective 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.	
<b>Respiratory Protection</b>	Not required.	
<b>Hand Protection</b>	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	

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	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.
<b>Eye Protection</b>	Tightly sealed goggles.

**9 Physical and Chemical Properties**

**9.1 Information on Basic Physical and Chemical Properties:**

<b>Appearance</b>	Liquid
<b>Colour</b>	According to Product Specification
<b>Odour</b>	Characteristic
<b>Melting Point/Melting Range</b>	Undetermined.
<b>Boiling Point/Boiling Range</b>	Undetermined.
<b>Flash Point (°C)</b>	61
<b>Flammability (Solid, gaseous)</b>	Not applicable.
<b>Decomposition Temperature</b>	Not determined.
<b>Self-igniting</b>	Product is not self-igniting.
<b>Danger of Explosion</b>	Product does not present an explosion hazard.
<b>Density at 20°C</b>	0.862 – 0.875 g/cm <sup>3</sup>
<b>Evaporation Rate</b>	Not determined.
<b>Solubility in/Miscibility with Water</b>	Not miscible or difficult to mix.
<b>9.2 Other Information</b>	No further relevant information available.

**10 Stability and Reactivity**

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

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**11 Toxicological Information**

**11.1 Information on Toxicological Effects:**

<b>Acute Toxicity</b>	Based on available data, the classification criteria are not met.	
<b>LD/LC50 Values Relevant for Classification</b>		
<b>586-62-9 Terpinolene</b>		
Oral	LD50	4390 mg/kg (Rat)
Dermal	LD50	>5000 mg/kg (LAP)

**11.2 Primary Irritant Effect:**

<b>Skin Corrosion/Irritation</b>	Causes skin irritation.
<b>Serious Eye Damage/Irritation</b>	Causes serious eye damage.
<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>STOT-single Exposure</b>	Based on available data, the classification criteria are not met.
<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</b>	<b>Toxicity</b>	
	<b>Aquatic Toxicity</b>	No further relevant information available.
<b>12.2</b>	<b>Persistence and Degradability</b>	No further relevant information available.
<b>12.3</b>	<b>Bioaccumulative Potential</b>	No further relevant information available.
<b>12.4</b>	<b>Mobility in Soil</b>	No further relevant information available.
	<b>Ecotoxicological Effects</b>	Toxic for fish. Must not reach sewage water or drainage ditch undiluted or unneutralised. Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms.
<b>12.5</b>	<b>Results of PBT and vPvB Assessment</b>	Not applicable.
<b>12.6</b>	<b>Other Adverse Effects</b>	No further relevant information available.

**13 Disposal Considerations**

<b>13.1</b>	<b>Waste Treatment Methods</b>	Must not be disposed together with household garbage. Do not allow product to reach sewage system.
<b>13.2</b>	<b>Uncleaned Packaging</b>	Disposal must be made according to official regulations.

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<b>14 Transport Information</b>		
<b>14.1</b>	<b>UN Number (ADR, IMDG, IATA)</b>	UN3082
<b>14.2</b>	<b>UN Proper Shipping Name (ADR)</b>	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIPENTENE, Geranyl Acetate)
	<b>(IMDG)</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIPENTENE, Geranyl Acetate), MARINE POLLUTANT
	<b>(IATA)</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIPENTENE, Geranyl Acetate)
<b>14.3</b>	<b>Transport Hazard Class(es) (ADR)</b>	
	<b>Class Label</b>	9 (M6) Miscellaneous dangerous substances and articles. 9
	<b>(IMDG, IATA)</b>	
	<b>Class Label</b>	9 Miscellaneous dangerous substances and articles. 9
<b>14.4</b>	<b>Packing Group (ADR, IMDG, IATA)</b>	III
<b>14.5</b>	<b>Environmental Hazards</b>	Product contains environmentally hazardous substances: d-limonene.
	<b>Marine Pollutant</b>	Yes
	<b>Special Marking (ADR)</b>	Symbol (fish and tree)
	<b>Special Marking (IATA)</b>	Symbol (fish and tree)
<b>14.6</b>	<b>Special Precautions for User</b>	Warning: Miscellaneous dangerous substances and articles.
	<b>Danger Code (Kemler)</b>	90
	<b>EMS Number</b>	F-A, S-F
	<b>Stowage Category</b>	A
<b>14.7</b>	<b>Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>14.</b>	<b>Transport/Additional</b>	Not dangerous according to the above specifications.



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<b>8</b>	<b>Information (ADR)</b> <b>Limited Quantities (LQ)</b> <b>Excepted Quantities (EQ)</b>  <b>Transport Category</b> <b>Tunnel Restriction Code</b> <b>Remarks</b>	5L Code: E1 Maximum net quantity per inner packaging: 30ml Maximum net quantity per outer packaging: 1000ml 3 E Not dangerous.
	<b>(ADN)</b> <b>Remarks</b>	Not dangerous.
	<b>(IMDG)</b> <b>Limited Quantities (LQ)</b> <b>Excepted Quantities (EQ)</b>  <b>Remarks</b>	5L Code: E1 Maximum net quantity per inner packaging: 30ml Maximum net quantity per outer packaging: 1000ml Not dangerous.
	<b>(IATA)</b> <b>Remarks</b>	Not dangerous.
<b>14.9</b>	<b>UN "Model Regulation"</b>	UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIPENTENE, GERANYL ACETATE), 9, III

**15 Regulatory Information**

<b>15.1</b>	<b>Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture</b>	<b>Directive 2012/18/EU</b>	Named dangerous substances – ANNEX I – None of the ingredients is listed.
		<b>Seveso Category</b>	E2, Hazardous to the Aquatic Environment.
		<b>Qualifying Quantity (tonnes) for the Application of Lower-tier Requirements</b>	200 t
		<b>Qualifying Quantity (tonnes) for the Application of Upper-tier Requirements</b>	500 t
		<b>Regulation (EC) No. 1907/2006 ANNEX XVII</b>	Conditions of restriction: 3
<b>15.2</b>	<b>Chemical Safety Assessment</b>	A Chemical Safety Assessment has not been carried out.	

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**16 Other Information**

**16.1 Relevant Phrases:**

<b>H226</b>	Flammable liquid and vapour.
<b>H228</b>	Flammable solid.
<b>H302</b>	Harmful if swallowed.
<b>H304</b>	May be fatal if swallowed and enters airways.
<b>H315</b>	Causes skin irritation.
<b>H317</b>	May cause an allergic skin reaction.
<b>H318</b>	Causes serious eye damage.
<b>H319</b>	Causes serious eye irritation.
<b>H332</b>	Harmful if inhaled.
<b>H371</b>	May cause damage to organs.
<b>H400</b>	Very toxic to aquatic life.
<b>H410</b>	Very toxic to aquatic life with long lasting effects.
<b>H412</b>	Harmful to aquatic life with long lasting effects.

**16.2 Abbreviations and Acronyms:**

<b>RID</b>	Regulations Concerning the International Transport of Dangerous Goods by Rail.
<b>IATA-DGR</b>	Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
<b>ICAO</b>	International Civil Aviation Organisation.
<b>ICAO-TI</b>	Technical Instructions by the "International Civil Aviation Organisation" (ICAO).
<b>ADR</b>	European Agreement concerning the International Carriage of Dangerous Goods by Road.
<b>IMDG</b>	International Maritime Code for Dangerous Goods.
<b>IATA</b>	International Air Transport Association.
<b>GHS</b>	Globally Harmonised System of Classification and Labelling of Chemicals.
<b>EINECS</b>	European Inventory of Existing Commercial Chemical Substances.
<b>ELINCS</b>	European List of Notified Chemical Substances.
<b>CAS</b>	Chemical Abstracts Service (Division of the American Chemical Society).
<b>LC50</b>	Lethal concentration, 50 percent.
<b>LD50</b>	Lethal dose, 50 percent.
<b>PBT</b>	Persistent, Bioaccumulative and Toxic.
<b>vPvB</b>	Very persistent and very Bioaccumulative.
<b>Flam. Liq. 3</b>	Flammable liquids – Category 3
<b>Flam. Sol. 1</b>	Flammable solids – Category 1
<b>Flam. Sol. 2</b>	Flammable solids – Category 2
<b>Acute Tox. 4</b>	Acute toxicity – Category 4
<b>Skin Irrit. 2</b>	Skin corrosion/irritation – Category 2

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<b>Eye Dam. 1</b>	Serious eye damage/eye irritation – Category 1
<b>Eye Irrit. 2</b>	Serious eye damage/eye irritation – Category 2
<b>Skin Sens. 1</b>	Skin sensitisation – Category 1
<b>Skin Sens. 1B</b>	Skin sensitisation – Category 1B
<b>STOT SE 2</b>	Specific target organ toxicity (single exposure) – Category 2
<b>Asp. Tox. 1</b>	Aspiration hazard – Category 1
<b>Aquatic Acute 1</b>	Hazardous to the aquatic environment – acute aquatic hazard – Category 1
<b>Aquatic Chronic 1</b>	Hazardous to the aquatic environment – long-term aquatic hazard – Category 1
<b>Aquatic Chronic 2</b>	Hazardous to the aquatic environment – long-term aquatic hazard – Category 2
<b>Aquatic Chronic 3</b>	Hazardous to the aquatic environment – long-term aquatic hazard – Category 3

**WARNING/DISCLAIMER:**

The information in this Material Safety Data Sheet is based on the properties of the material known 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.