



# SAFETY DATA SHEET

## TRADE NAME: GINGER OIL CHINESE

REVISION: 16.07.2019

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

1.1	Trade Name	GINGER OIL CHINESE
	EINECS CAS Number	84696-15-1
	CAS Number	8007-08-7
	EC Number	283-634-2
	FEMA Number	2522
1.2	Details of the Supplier of the Safety Data Sheet	The Soap Kitchen Unit 8 Caddsdwn Industrial Park Clovelly Road, Bideford, EX39 3DX enquiries@thesoapkitchen.co.uk
1.3	Further Information Obtainable from	The Soap Kitchen

### 2 Hazards Identification

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

Classification (EC No. 1272/2008)	Physical Hazards	Not classified
	Health Hazards	Skin Irrit. 2 – H315 Eye Irrit. 2 – H319 Skin Sens. 1 – H317 Asp. Tox 1 – H304
	Environmental Hazards	Aquatic Chronic 2 – H411
	Human Health	May be fatal if swallowed and enters airways. The product is strongly irritating to eyes and skin.
	Environmental	The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

#### 2.2 Label Elements

##### Hazard Pictograms:



Signal Word	DANGER
Contains	Beta Bisabolene Alpha Pinene Geranial Neral 1, 8 Cineole Dipentene Beta Pinene

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	Geraniol A Terpinolene
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### Hazard Statements:

<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>H319</b>	Causes serious eye irritation.
<b>H411</b>	Toxic to aquatic life with long lasting effects.

### Precautionary Statements:

<b>P273</b>	Avoid release to the environment.
<b>P280</b>	Wear protective gloves/protective clothing/eye protection/face protection.
<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>P331</b>	Do NOT induce vomiting.
<b>P262</b>	Do not get in eyes, on skin, or on clothing.

### Supplementary Precautionary Statements:

<b>P261</b>	Avoid breathing vapour/spray.
<b>P264</b>	Wash contaminated skin thoroughly after handling.
<b>P272</b>	Contaminated work clothing should not be allowed out of the workplace.
<b>P302+P352</b>	IF ON SKIN: Wash with plenty of water.
<b>P321</b>	Specific treatment (see medical advice on this label).
<b>P332+P313</b>	If skin irritation occurs: Get medical advice/attention.
<b>P333+P313</b>	If skin irritation or rash occurs: Get medical advice/attention.
<b>P337+P313</b>	If eye irritation persists: Get medical advice/attention.
<b>P362+P364</b>	Take off contaminated clothing and wash it before reuse.
<b>P391</b>	Collect spillage.
<b>P405</b>	Store locked up.
<b>P501</b>	Dispose of contents/container to local/regional/national/international regulations.

### 3 Composition/Information on Ingredients

#### 3.1 Mixtures:

Ingredient	CAS No/EC No.	Classification (EC 1272/2008)	Quantity
Camphene	CAS No: 79-9-5 EC No: 201-234-8 M factor (Chronic) = 1	Flam Sol. 1 – H228 Eye Irrit. 2 – H319 Aquatic Chronic 1 – H410	5-10%
Trans Alpha Farnesene	CAS No: 502-61-4 EC No: 207-948-6	Not classified	5-10%
Beta Bisabolene	CAS No: 495-61-4	Skin Irrit. 2 – H315 Skin Sens. 1 – H317 Asp. Tox 1 – H304	5-10%
Alpha Pinene	CAS No: 80-56-8 EC No: 201-291-9	Flam. Liq. 3 – H226 Acute Tox. 4 – H302	1-5%

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	M factor (Acute) = 1 M factor (Chronic) = 1	Skin Irrit. 2 – H315 Skin Sens. 1 – H317 Asp. Tox 1 – H304 Aquatic Acute 1 – H400 Aquatic Chronic 1 – H410	
Neral	CAS No: 106-26-3 EC No: 203-379-2	Skin Irrit. 2 – H315 Eye Irrit. 2 – H319 Skin Sens. 1 – H317	<1%
Geranial	CAS No: 141-27-5 EC No: 205-476-5	Skin Irrit. 2 – H315 Eye Irrit. 2 – H319 Skin Sens. 1 – H317	<1%
1, 8 Cineole	CAS No: 470-82-6 EC No: 207-431-5	Flam. Liq. 3 – H226 Skin Sens. 1B – H317	1-10%
Dipentene	CAS No: 138-86-3 EC No: 205-341-0 M factor (Acute) = 1 M factor (Chronic) = 1	Flam. Liq. 3 – H226 Skin Irrit. 2 – H315 Skin Sens. 1 – H317 Aquatic Acute 1 – H400 Aquatic Chronic 1 – H410	<1%
Geraniol	CAS No: 106-24-1 EC No: 203-377-1	Skin Irrit. 2 – H315 Eye Dam. 1 – H318 Skin Sens. 1 – H317	<1%
Beta Pinene	CAS No: 127-91-3 EC No: 242-060-2 M factor (Acute) = 1 M factor (Chronic) = 1	Flam. Liq. 3 – H226 Skin Irrit. 2 – H315 Skin Sens. 1 – H317 Asp. Tox 1 – H304 Aquatic Acute 1 – H400 Aquatic Chronic 1 – H410	<1%
A Terpinolene	CAS No: 586-62-9 EC No: 209-578-0 M factor (Acute) = 1 M factor (Chronic) = 1	Skin Sens. 1 – H317 Asp. Tox. 1 – H304 Aquatic Acute 1 – H400 Aquatic Chronic 1 – H410	<1%

The full text of all Hazard Statements is displayed in Section 16.

### 4 First Aid Measures

#### 4.1 Description of First Aid Measures:

<b>Inhalation</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention immediately.
<b>Skin Contact</b>	Remove contaminated clothing immediately and wash skin with soap and water.
<b>Eye Contact</b>	Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the MSDS of the product.

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4.2	Most Important Symptoms and Effects, both Acute and Delayed	No further information available at this time.
4.3	Indication of Immediate Medical Attention and Special Treatment Needed	Treat symptomatically.

### 5 Fire-fighting Measures

5.1	Suitable Extinguishing Media	Use as appropriate: Carbon dioxide (CO <sub>2</sub> ), dry chemical or foam.
	Unsuitable Extinguishing Media	Do not use water, if avoidable.
5.2	Special Hazards Arising from the Substance or Mixture	In case of fire, the following can be released: Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> ), smoke, soot.
5.3	Advice for Fire-fighters	Avoid breathing fires gases or vapours. Containers close to fire should be removed or cooled with water.
	Special Protective Equipment for Fire-fighters	Use protective equipment appropriate for surrounding materials.

### 6 Accidental Release Measures

6.1	Personal Precautions, Protective Equipment and Emergency Procedures	Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin and eyes. Avoid inhalation of vapours.
6.2	Environmental Precautions	Do not discharge into drains or watercourses or onto the ground.
6.3	Methods and Material for Containment and Cleaning Up	Cover with inert, inorganic, non-combustible material (e.g. dry-lime, sand, soda ash). Place in covered containers and dispose of in accordance with local authority guidelines.
6.4	Reference to Other Sections	For waste disposal, see Section 13.

### 7 Handling and Storage

7.1	Precautions for Safe Handling	Avoid contact with skin and eyes. Do not breathe vapours. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only in well-ventilated areas. Do not eat, drink or smoke when using this product.
7.2	Conditions for Safe Storage, Including any Incompatibilities	Store in tightly-closed, original container in a dry, cool and well-ventilated place.
7.3	Specific End Use(s)	No further relevant information available.

### 8 Exposure Controls/Personal Protection

#### 8.1 Control Parameters:

Camphene CAS: 79-92-5	DNEL	Workers – Inhalation; Long-term systemic effects: 110.19 mg/m <sup>3</sup> Workers – Inhalation; Short-term systemic effects: 110.19 mg/m <sup>3</sup>
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		<p>Workers – Dermal; Long-term systemic effects: 0.21 mg/kg, bw/day</p> <p>Workers – Dermal; Short-term systemic effects: 1.25 bw/day, mg/kg</p> <p>General population – Inhalation; Long-term systemic effects: 54.3 mg/m<sup>3</sup></p> <p>General population – Inhalation; Short-term systemic effects: 54.3 mg/m<sup>3</sup></p> <p>General population – Dermal; Long-term systemic effects: 0.1 bw/day, mg/kg</p> <p>General population – Dermal; Short-term systemic effects: 0.625 bw/day, mg/kg</p> <p>General population – Oral; Long-term systemic effects: 0.1 mg/kg, bw/day</p> <p>General population – Oral; Short-term systemic effects: 0.625 bw/day, mg/kg</p>
	<b>PNEC</b>	<p>Fresh water; Short-term 0.001 mg/l</p> <p>Intermittent release, Fresh water; 0.001 mg/l</p> <p>Marine water; Short-term 0 mg/l</p> <p>STP; Short-term 10 mg/l</p> <p>Sediment (Freshwater); Short-term 0.026 mg/kg</p> <p>Sediment (Marinewater); Short-term 0.003 mg/kg</p> <p>Soil; Short-term 0.021 mg/kg</p>
<b>Alpha Pinene</b> <b>CAS: 80-56-8</b>	<b>DNEL</b>	<p>Workers – Inhalation; Long-term systemic effects: 3.8 mg/m<sup>3</sup></p> <p>Workers – Dermal; Long-term systemic effects: 0.54 mg/kg, bw/day</p> <p>General population – Inhalation; Long-term systemic effects: 0.67 mg/m<sup>3</sup></p> <p>General population – Dermal; Long-term systemic effects: 0.19 mg/kg, bw/day</p> <p>General population – Oral; Long-term systemic effects: 0.19 mg/kg, bw/day</p>
	<b>PNEC</b>	<p>Fresh water; Short-term 0.606 mg/l</p> <p>Intermittent release, Fresh water; 3.03 mg/l</p> <p>Marine water; Short-term 0.061 mg/l</p> <p>Intermittent release, Marine water; 0.303 mg/l</p> <p>STP; Short-term 0.2 mg/l</p> <p>Sediment (Freshwater); Short-term 157 mg/kg</p> <p>Sediment (Marinewater); Short-term 15.7 mg/kg</p> <p>Soil; Short-term 31.7 mg/kg</p>
<b>1, 8 Cineole</b> <b>CAS: 470-82-6</b>	<b>DNEL</b>	<p>Workers – Inhalation; Long-term systemic effects: 7.05 mg/m<sup>3</sup></p> <p>Workers – Dermal; Long-term systemic effects: 2 mg/kg, bw/day</p> <p>General population – Inhalation; Long-term systemic effects: 1.74 mg/m<sup>3</sup></p> <p>General population – Dermal; Long-term systemic effects: 1 bw/day, mg/kg</p> <p>General population – Oral; Long-term systemic effects: 600 bw/day, mg/kg</p>

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	<b>PNEC</b>	Fresh water; Short-term 5.7 mg/l Intermittent release, Fresh water; 0.57 mg/l Marine water; Short-term 5.7 mg/l STP; Short-term 10 mg/l Sediment (Freshwater); Short-term 1.425 mg/kg Sediment (Marinewater); Short-term 0.142 mg/kg Soil; Short-term 0.25 mg/kg
<b>Beta Pinene</b> <b>CAS: 127-91-3</b>	<b>DNEL</b>	Workers – Inhalation; Long-term systemic effects: 5.69 mg/m <sup>3</sup> Workers – Dermal; Long-term systemic effects: 0.8 mg/kg, bw/day General population – Inhalation; Long-term systemic effects: 1 mg/m <sup>3</sup> General population – Dermal; Long-term systemic effects: 0.3 bw/day, mg/kg General population – Oral; Long-term systemic effects: 0.3 mg/kg, bw/day
	<b>PNEC</b>	Fresh water; Short-term 1.004 mg/l Intermittent release, Fresh water; 5.02 mg/l Marine water; Short-term 0.1 mg/l STP; Short-term 3.26 mg/l Sediment (Freshwater); Short-term 0.337 mg/kg Sediment (Marinewater); Short-term 0.034 mg/kg Soil; Short-term 0.067 mg/kg
<b>Geraniol CAS:</b> <b>106-24-1</b>	<b>DNEL</b>	Workers – Inhalation; Long-term systemic effects: 161.6 mg/m <sup>3</sup> Workers – Dermal; Long-term systemic effects: 12.5 mg/kg, bw/day General population – Inhalation; Long-term systemic effects: 47.8 mg/m <sup>3</sup> General population – Dermal; Long-term systemic effects: 7.5 mg/kg, bw/day General population – Oral; Long-term systemic effects: 13.75 bw/day, mg/kg
	<b>PNEC</b>	Fresh water; Short-term 0.011 mg/l Intermittent release, Fresh water; 0.108 mg/l Marine water; Short-term 0.001 mg/l STP; Short-term 0.7 mg/l Sediment (Freshwater); Short-term 0.115 mg/kg Sediment (Marinewater); Short-term 0.011 mg/kg Soil; Short-term 0.017 mg/kg
<b>A Terpinolene</b> <b>CAS: 586-62-9</b>	<b>DNEL</b>	Workers – Inhalation; Long-term systemic effects: 3.6 mg/m <sup>3</sup> Workers – Dermal; Long-term systemic effects: 0.52 bw/day, mg/kg General population – Inhalation; Long-term systemic effects: 0.9 mg/m <sup>3</sup> General population – Dermal; Long-term systemic effects: 0.26 bw/day, mg/kg General population – Oral; Long-term systemic effects: 0.26 bw/day, mg/kg
	<b>PNEC</b>	Fresh water; Short-term 0.634 mg/l




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		Intermittent release, Fresh water; Short-term 0.634 mg/l Marine water; Short-term 0.063 mg/l STP; Short-term 0.2 mg/l Sediment (Freshwater); Short-term 14.7 mg/kg Sediment (Marinewater); Short-term 14.7 mg/kg Soil; Short-term 29.1 mg/kg
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### 8.2 Exposure Controls:

<b>Protective Equipment</b>	  
<b>Appropriate Engineering Controls</b>	Provide eyewash station.
<b>Personal Protection</b>	General protective and hygienic measures: Use personal protective equipment depending on concentration and amount of hazardous substance. 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 eyes and skin.
<b>Eye/Face Protection</b>	Approved safety goggles.
<b>Hand Protection</b>	Chemical resistant gloves (PVC).
<b>Other Skin and Body Protection</b>	Wear apron or protective clothing in case of contact.
<b>Hygiene Measures</b>	Good personal hygiene procedures should be implemented.
<b>Respiratory Protection</b>	Generally unnecessary in a well-ventilated area. If ventilation is insufficient, respiratory protection must be worn.
<b>Environmental Exposure Controls</b>	Avoid discharging into drains.

### 9 Physical and Chemical Properties

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

<b>Appearance</b>	Liquid.
<b>Colour</b>	Pale yellow to yellow orange.
<b>Odour</b>	Characteristic of Ginger.
<b>Flash Point</b>	66°C
<b>Relative Density @ 20°C</b>	0.870 to 0.885
<b>Optical Rotation @ 20°C</b>	-26 to -58
<b>Refractive Index @ 20°C</b>	1.400 to 1.494

### 10 Stability and Reactivity

<b>10.1</b>	<b>Reactivity</b>	No hazardous reactions if stored and handled as prescribed/indicated.
<b>10.2</b>	<b>Chemical Stability</b>	Stable under normal conditions.
<b>10.3</b>	<b>Possibility of Hazardous Reactions</b>	None known.
<b>10.4</b>	<b>Conditions to Avoid</b>	Keep away from heat, sparks and open flame.

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10.5	Incompatible Materials	Strong acids, strong alkalis or strong oxidising agents.
10.6	Hazardous Decomposition Products	Prolonged or excessive heat and/or exposure to air may cause decomposition or oxidation of the material.

### 11 Toxicological Information

11.1	Information on Toxicological Effects	Skin Corrosion/Irritation	Irritating to skin.
		Serious Eye Damage/Irritation	Irritation of eyes is assumed.
		Aspiration Hazard	May be fatal if swallowed and enters airways.

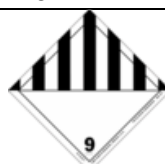

### 12 Ecological Information

12.1	Ecotoxicity	This product contains substances which are toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.
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### 13 Disposal Considerations

13.1	Waste Treatment Methods	Dispose of in compliance with all local and national regulations.
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### 14 Transport Information

14.1	UN Number	3082
14.2	Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
14.3	Transport Hazard Class(es)	9
	ADR/RID Classification Code	M6
	Transport Labels	
14.4	Packing Group	III
14.5	Environmental Hazards	Environmentally hazardous substance/ marine pollutant 
14.6	Special Precautions for User EmS ADR Transport Category Emergency Action Code Hazard Identification Number (ADR/RID) Tunnel Restriction Code	F-A, S-F 3 3Z 90 (E)



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<b>14.7</b>	<b>Transport in Bulk According to Annex II of MARPOL and the IBC Code</b>	No data available.
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### **15 Regulatory Information**

#### **15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:**

<b>EU Legislation</b>	Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16 <sup>th</sup> December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No. 1907/2008 of the European Parliament and of the Council of 18 <sup>th</sup> December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
<b>Guidance</b>	CHIP for everyone HSG228.

### **16 Other Information**

#### **16.1 Hazard Statements in Full:**

<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>H400</b>	Very toxic to aquatic life.
<b>H410</b>	Very toxic to aquatic life with long lasting effects.
<b>H411</b>	Toxic to aquatic life with long lasting effects.

#### **WARNING/DISCLAIMER:**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.