

## SAFETY DATA SHEET

### Geranium oil Chinese

This Safety Data Sheet contains information concerning the potential risks to those involved in handling, transporting and working with the material, as well as describing potential risks to the consumer and the environment. This information must be made available to those who may come into contact with the material or are responsible for the use of the material. This Safety Data Sheet is prepared in accordance with formatting described in the REACH Regulation (EC) No 1907/2006, and described in CLP Regulation (EC) No 1272/2008.

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1 Product identifier

Product name Geranium oil Chinese

EC number:	290-140-0
EC name:	Pelargonium graveolens
CAS number (EC inventory):	90082-51-2
Registration number	

##### 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

Company Name: SOAPMAKERS STORE  
Contact: JOHN BLACK  
Address: Unit 3 Quatro Park, Tanners Drive, Milton Keynes MK14 5FJ ENGLAND  
Telephone : ☎ + 44 (0) 1908 334108  
Fax: 📠 + 44 (0) 1908 211376  
Email : ✉ sales@soapmakers-store.com  
Emergency Tel. No.: ☎ + 44 (0) 1908 334108

#### SECTION 2: Hazards Identification

##### 2.1 Classification of the substance

Classification in accordance with the Dangerous Substances Directive 67/548/EEC

Hazard Symbol

Xn+N

Risk Phrases

R38 – Irritating to skin

R41 – Risk of serious damage to eyes

R43 - May cause sensitisation by skin contact

R51/53 – Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R65 - Harmful: may cause lung damage if swallowed

Safety Phrases

- S24 - Avoid contact with skin  
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
S36/37 - Wear suitable protective clothing and gloves  
S39 - Wear eye/face protection  
S61 - Avoid release to the environment. Refer to special instructions/safety data sheet  
S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or Label

Classification in accordance with GHS Hazard codes

- H227 - Combustible liquid  
H304 - May be fatal if swallowed and enters airways  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H401 - Toxic to aquatic life  
H412 - Harmful to aquatic life with long lasting effects

Classification in accordance with the Classification Labelling and Packaging Regulation EC (no) 1272/2008

Hazard Statements

- H304 - May be fatal if swallowed and enters airways  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage

Precautionary Statements

- P262 - Do not get in eyes, on skin, or on clothing  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor  
P305+351+338 - 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

2.2 Label elements

Signal Word DANGER

Pictograms



2.3 Other hazards

## SECTION 3: Composition

### 3.1 Substances

**Citronellol** EC number: 203-375-0 **25-43%**

CAS number: 106-22-9

**Classification**

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

Skin Sens. 1 - H317

**Geraniol** EC number: 203-377-1 **5-20%**

CAS number: 106-24-1

**Classification**

Skin Irrit. 2 - H315

Eye Dam. 1 - H318

Skin Sens. 1 - H317

**Linalool** EC number: 201-134-4 **2-11%**

CAS number: 78-70-6

**Classification**

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

**d,l-Isomenthone** **4-10%**

CAS number: 491-07-6

**Classification**

Skin Irrit. 2 - H315

Skin Sens. 1B - H317

**Menthone** **0.01-2.5%**

CAS number: 10458-14-7

EC number: 233-944-9

**Classification**

Skin Irrit. 2 - H315

Skin Sens. 1 - H317

**cis-Rose Oxide** **1-5%**

CAS number: 3033-23-6

**Classification**

Skin Irrit. 2 - H315

Repr. 2 - H361

**p-menth-1-en-8-ol** 0.01-2%

CAS number: 98-55-5 EC number: 202-680-6

**Classification**

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

**Citral** 0.5 - 5%

CAS number: 5392-40-5 EC number: 226-394-6

**Classification**

Skin Irrit. 2 - H315

Skin Sens.1 H317

**SECTION 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 eye lids 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.

**4.2 Most important symptoms and effects, both acute and delayed**

**4.3 Indication of any immediate medical attention and special treatments needed**

Symptomatic treatment as required

**SECTION 5: Firefighting Measures**

**5.1 Extinguishing media** Foam, CO<sub>2</sub>, Dry Powder

**5.2 Special hazards arising from the substance or mixture** Combustion products: Carbon monoxide, Carbon dioxide, Smoke

**5.3 Advice for fire fighters** Do Not Use Water as extinguishing media. No special fire fighting equipment required.

**SECTION 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 materials for containment and clearing up**

Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

**SECTION 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 uses**

Used in Flavours and Fragrances.

**SECTION 8. Exposure Controls/Personal Protection**

**8.1 Control parameters No data available**

Substance	8 hour exposure limit	15 minute exposure limit	Source, Type

**DNELs for workers No data available**

Exposure pattern	Route	DNEL	Dose descriptor
Acute - systemic effects	Dermal		
Acute - systemic effects	Inhalation		
Acute - local effects	Dermal		
Acute - local effects	Inhalation		
Long-term - systemic effects	Dermal		
Long-term - systemic effects	Inhalation		
Long-term - local effects	Dermal		
Long-term - local effects	Inhalation		

**PNECs** No data available

Compartment	PNEC	Dose descriptor
Fresh water		
Sewage treatment		

## 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

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

Appearance: A pale yellow to green liquid

Odour: Characteristic of geranium, floral, rose like

Odour threshold: No data available

pH: Not applicable

Melting point: Not applicable

Boiling point: Not applicable

Flashpoint: 91°C

Evaporation rate: No data available

Flammability: Combustible

Upper/lower flammability limits: No data available

Vapour pressure: No data available

Vapour density: No data available

Relative density: 0.870 – 0.900

Solubility in water: Insoluble

Solubility in other solvents: Soluble

Partition coefficient (log Kow): No data available

Autoignition temperature: No data available

Decomposition temperature: No data available

Viscosity: No data available

Explosive properties: No data available

Oxidising properties: None

### 9.2 Other information

Particle size: Not applicable

## SECTION 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**

**10.5 Hazardous decomposition products: On combustion may produce smoke, carbon monoxide and carbon dioxide.**

## **SECTION 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.

#### **Toxicokinetics**

- (a) acute toxicity: LD<sub>50</sub> 5000 mg/kg (Rat). Dermal 5000mg/kg (Rabbit)
- (b) skin corrosion/irritation: Causes skin irritation
- (c) serious eye damage/irritation: May cause eye irritation
- (d) respiratory/skin sensitisation: May cause an allergic skin reaction
- (e) germ cell mutagenicity: No data available
- (f) carcinogenicity: No data available
- (g) reproductive toxicity: No data available
- (h) STOT-single exposure: No data available
- (i) STOT-repeated exposure: No data available
- (j) aspiration hazard: No data available

## **SECTION 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: No data available**

**12.5 Results of PBT and vPvB assessment: No data available**

**12.6 Other adverse effects**

## **SECTION 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.**

## **SECTION 14: Transport Information**

	ADR	IMDG	ICAO
14.1 UN Number	No class		
14.2 UN Proper shipping name	Geranium oil Chinese		
14.3 Transport hazard class(es)	No class	No class	No class
14.4 Packing group	No class		
14.5 Environmental hazards			
14.6 Special precautions			

for user			
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code			

## SECTION 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.

## SECTION 16: Other Information

### Revision information:

#### List of Abbreviations used in this SDS:

**CAS** Chemical Abstracts Service

**CLP** Classification, Labelling and Packaging Regulation (EC) no 1272/2008

**DSD** Dangerous Substances Directive 67/548/EEC

**DPD** Dangerous Preparations Directive 1999/45/EC

**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

### Legal disclaimer:

The information given on this material health and safety sheet is not a warranty as to the performance or suitability of the product. The information must be regarded only as a description of the health, safety and environmental requirements for that product. The information contained herein is true and accurate to the best of our knowledge and belief, but does not claim to be all inclusive. Since the conditions of use are out of our control, Soapmakers Store, a Division of Aroma Trading Ltd, Registered No. 2698381, V.A.T. Registration No. 600 516 981, shall not be held liable for any damage resulting from handling or from contact with the product. It is the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.