

# SAFETY DATA SHEET

According to Regulations (EC) No 453/2010, 1907/2006 (REACH) & 1272/2008 (CLP)

## 1: Identification of the Preparation and the Company

### 1.1 Product identifier

**Product identification:** Concentrated mixture of aromatic raw materials (fragrance)

**Name:** ESCENTSCIA CLOVE

### 1.2 Relevant identified uses of the mixture

Manufacturing use only. Not for personal use in this form or concentration

### 1.3 Details of the supplier of the safety data sheet

Company: Gentil Sayre Limited

Address: Pioneer Park, Clough Road, Hull. HU6 7HW. UK

e-mail: [escentscia@gentil-sayre.co.uk](mailto:escentscia@gentil-sayre.co.uk)

website: [www.4candles.co.uk](http://www.4candles.co.uk)

Telephone: +44 (0)1482 345414, Fax: +44 (0)1482 345156

### 1.4 Emergency telephone number

Emergency telephone number: +44 (0)1482 345414

Opening hours: 09:00-16:00

## 2: Hazards identification

### 2.1 Classification of the mixture

#### 2.1.1 Classification according to Directive 1999/45/EC

See Section 16

#### 2.1.2 Classification according to Regulation (EC) No 1272/2008 [CLP]

##### Hazard class and Category

Acute Tox. 4 (Oral);H302

Eye Irrit. 2;H319

Skin Sens. 1;H317

##### Pictograms GHS



GHS07 Exclamation Mark

**Signal word**

Warning

**Hazard statements**

H302- Harmful if swallowed

H317- May cause an allergic skin reaction

H319- Causes serious eye irritation

**Precautionary statements – Prevention**

P261- Avoid breathing dust/fume/gas/mist/vapours/spray

P264- Wash your hands thoroughly after handling

P270- Do not eat, drink or smoke when using this product

P272- Contaminated work clothing should not be allowed out of the workplace

P280- Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary statements – Response**

P301+P312- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

P302+P352- IF ON SKIN: Wash with soap and water

P321- Specific treatment (see supplemental first aid instructions on this label)

P330- Rinse mouth

P333+P313- If skin irritation or a rash occurs: Get medical advice/attention

P363- Wash contaminated clothing before reuse

**Precautionary statements – Disposal**

P501- Dispose of contents/ container according to national or regional regulatory requirements.

### 3: Composition/information on ingredients

**3.1 Substances**

Not applicable. The product is a mixture.

**3.2 Mixtures****Description of the mixture:**

The material is a mixture of aromatic raw materials. The material's composition, regarding the hazardous ingredients is shown in the following table.

**Hazardous ingredients**

According to Regulations: 1907/2006 EC ( and Dir. 1999/45 EC), 1272/2008, 453/2010, the mixture contains:

Chemical Name	% per weight	REACH Registration No	Classification according to Directive 67/548/EEC	Classification according to Regulation 1272/2008 (Regulation CLP)	CAS No	EINECS No	FEMA
Diethyl phthalate	19,5-34,5	01-2119486682-27-0002		Skin Irrit. 3;H316 Aquatic Acute 3;H402	84-66-2	201-550-6	-
Phenylethyl alcohol	18,21-33,21	Not available	Xn;R22;R36	Acute Tox. 5 (Dermal);H313 Acute Tox. 4 (Oral);H302 Skin Irrit. 3;H316 Eye Irrit. 2;H319	60-12-8	200-456-2	2858
Isoeugenol	4,5-6,5	Not available	Xn;R21/22;R36/38;R43	Acute Tox. 4 (Dermal);H312 Acute Tox. 4 (Oral);H302 Skin Irrit. 2;H315 Eye Irrit. 2;H319 Skin Sens. 1;H317 Aquatic Acute 2;H401	97-54-1	202-590-7	2468
Eugenol	3,51-5,51	Not available	Xi;R36;R43	Acute Tox. 5 (Oral);H303 Skin Irrit. 3;H316 Eye Irrit. 2;H319 Skin Sens. 1;H317 Aquatic Acute 2;H401	97-53-0	202-589-1	2467
Vanillin	1,75-2,75	Not available	Xi;R36	Acute Tox. 5 (Oral);H303 Eye Irrit. 2;H319 Aquatic Acute 3;H402	121-33-5	204-465-2	3107
Methyl ester of rosin (partially hydrogenated)	0,8-1	Not available	R52/53	Aquatic Chronic 3;H412	8050-15-5	232-476-2	-

**Additional information**

For full text of H-Statements and R-Phrases, included in the above table: see sections 16 and 2 respectively.

**4: First aid measures****4.1 Accidental ingestion**

Rinse mouth with water. Give up to one tumbler (half pint) of milk or water. Obtain medical advice immediately.

**4.2 Excessive inhalation**

Remove the individual to fresh air and keep at rest. Obtain medical advice immediately.

**4.3 Skin contact**

Remove contaminated clothing. Wash skin with large volumes of water, (or soap and water). If irritation persists, or any sign of tissue damage is apparent, obtain medical advice immediately.

**4.4 Eye exposure**

Irrigate copiously with water for at least 10 minutes. Obtain medical advice if any irritation or evidence of tissue damage persists.

## 5: Firefighting measures

### 5.1 Extinguishing media

CO<sub>2</sub>, alcohol – resistant foam, dry powder. Never use directly water.

### 5.2 Special hazards arising from the substance or mixture

In case of fire, CO/CO<sub>2</sub> and smoke may be released.

### 5.3 Advice for firefighters

In case of insufficient ventilation, wear suitable respiratory equipment.

## 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Remove ignition sources. No smoking. Provide sufficient ventilation, control of dust. Wear suitable personal protective equipment, referred to under Section 8, to prevent any contamination of skin and eyes. Avoid inhalation of vapor.

### 6.2 Environmental precautions

Recommended environmental precautions to be taken related to accidental spills and release of the substance or mixture, such as keeping away from drains, surface and ground water.

### 6.3 Methods and material for containment and cleaning up

Gross spillages should be contained by the use of sand or inert powder, and disposal of this should be in accordance with Government Regulations. Any absorbent used for cleaning up spillage should be disposed promptly, preferably by incineration, as some cases of spontaneous combustion of rags soaked with similar materials have been reported.

### 6.4 Reference to other sections

If appropriate Sections 8 and 13 shall be referred to.

## 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid naked flames or other potential sources of ignition (eg. electrical equipment). Do not subject to unnecessarily high temperature during processing. Wear suitable personal protective equipment. Maintain adequate ventilation in working areas. Do not smoke, eat or drink when you use this product. Good personal washing routines should be followed.

### 7.2 Conditions for safe storage, including any incompatibilities

It is good general practice to store in closed, preferably full, containers away from heat sources, and protected from extremes of temperature. Do not re – use the empty container.

### 7.3 Specific end use(s)

Aromatic material: Use according to proper manufacturing practices and occupational hygiene.

## 8: Exposure controls/personal protection

### 8.1 Exposure controls

Do not subject to unnecessarily high temperature during processing. Maintain adequate ventilation in working areas.

### 8.2 Personal protection

a) Respiratory protection: where ventilation may be inadequate, wear self – contained breathing apparatus. b) Hand protection: where hand protection is indicated, safety gloves are recommended. c) Eye protection: where eye protection is indicated, safety goggles are recommended. d) Skin protection: depending on working situation these should include wearing protective clothing, which will also limit the odor contamination of personal clothing. Good personal washing routines should be followed.

## 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Pale yellow, oily liquid
<b>Odour</b>	Characteristic
<b>Flash point (°C)</b>	70.0°C < FLASH POINT < 100.0°C
<b>Solubility in water</b>	Insoluble (10%)
<b>Solubility in other solvents</b>	Soluble (10%) in ethyl alcohol
<b>Refractive Index (25°C)</b>	1.503 - 1.513

## 10: Stability and reactivity

### 10.1 Reactivity

No known reactivity hazards. No reaction known with water.

### 10.2 Chemical stability

No hazardous reaction when handled and stored according to provisions

### 10.3 Possibility of hazardous reactions

Not expected when handled and stored according to provisions.

### 10.4 Conditions to avoid

Avoid temperatures above or near to the flash point, sources of ignition, sparks and flames. Do not heat closed containers.

### 10.5 Incompatible materials

Avoid contact with strong acids, alkalis or oxidizing agents.

### 10.6 Hazardous decomposition products

Not expected when handled and stored according to provisions. Contact with water or storage under recommended conditions for one year should not produce dangerous decomposition products.

## 11: Toxicological information

This preparation has not been subjected to ecotoxicological testing as an entity but has been blended from materials with established toxicological bibliographies. In view of the difficulty of using current standard toxicological evaluation techniques to predict hazards to susceptible individuals or arising from unforeseeable use, this preparation should be considered and handled as if it displayed health hazards and treated in consequence with all possible precaution.

## 12: Ecological information

This preparation has not been subjected to ecotoxicological testing as an entity. In view of difficulty of using current standard ecotoxicological evaluation techniques to predict the impact of particular modes of release on vulnerable of localized parts of the ecosystem, this preparation should be considered and handled as if it displayed environmental hazards, and treated in consequence with all possible precaution.

## 13: Disposal considerations

Residual quantities of the product should be treated according to the instructions given under points 6, 7 and 8 above. Wastes should be eliminated according to national or regional regulatory requirements.

**14: Transport information****14.1 Land transport ADR/RID**

ADR/RID Class: 0  
Danger code (Kemler):  
UN number: Not regulated  
Packaging group: --

**14.2 Maritime transport IMDG**

IMDG Class: 0  
UN number: Not regulated  
Packaging group: --  
EMS number:  
Segregation groups: --

**14.3 Air transport ICAO-TI and IATA-DGR**

ICAO/IATA Class: 0  
UN number: Not regulated  
Packaging group: --

## 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Commission Directive 2006/8/EC amending, for the purposes of their adaptation to technical progress, Annexes II, III and V to Directive 1999/45/EC of the European Parliament and of the Council concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations.

### 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## 16: Other information

### 16.1 Indication of changes

Classification according to Directive 1999/45/EC

### 16.2 Classification according to Directive 1999/45/EC

Irritant;Xi;R36;R43

Harmful;Xn;R22

### Hazard symbols



Xi            Xn

### Risk phrases

R22 - Harmful if swallowed

R36 - Irritating to eyes

R43 - May cause sensitisation by skin contact

### Safety phrases

S20 - When using do not eat or drink

S24 - Avoid contact with skin

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S28 - After contact with skin, wash immediately with plenty of soap and water

S29/35 - Do not empty into drains; dispose of this material and its container in a safe way

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

S45 - In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)

S46 - If swallowed, seek medical advice immediately and show this container or label

### Other hazards

None

### 16.3 Full text of H - Statements and R - Phrases

#### Full text of R - Phrases of sections 2 and 3

R21/22 - Harmful in contact with skin and if swallowed

R22 - Harmful if swallowed

R36 - Irritating to eyes

R36/38 - Irritating to eyes and skin

R43 - May cause sensitisation by skin contact

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

**Full text of H - Statements of sections 3 and 16**

H302 - Harmful if swallowed

H303 - May be harmful if swallowed

H312 - Harmful in contact with skin

H313 - May be harmful in contact with skin

H315 - Causes skin irritation

H316 - Causes mild skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H401 - Toxic to aquatic life

H402 - Harmful to aquatic life

H412 - Harmful to aquatic life with long lasting effects

**16.4 Additional information**

All the information provided in this safety data sheet is according to Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. Since the use of this information and the conditions of use of the product are not within the control of Gentil Sayre Limited, it is the user's obligation to determine conditions of safe use of the product.