

# 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 MANDARIN

### 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

Asp. Tox. 1;H304

Skin Irrit. 2;H315

Eye Irrit. 2;H319

Skin Sens. 1;H317

Aquatic Chronic 2;H411

##### Pictograms GHS



GHS07 Exclamation Mark

GHS08 Health Hazard

GHS09 Environment

**Signal word**

Danger

**Hazard statements**

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 – Prevention**

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

P264- Wash your hands thoroughly after handling

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

P273- Avoid release to the environment

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

**Precautionary statements – Response**

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

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

P332+P313- If skin irritation occurs: Get medical advice/attention

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

P362- Take off contaminated clothing and wash before reuse

P363- Wash contaminated clothing before reuse

P391- Collect spillage

**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	16-31	01-2119486682-27-0002		Skin Irrit. 3;H316 Aquatic Acute 3;H402	84-66-2	201-550-6	-
Orange peel oil, sweet	7,2-12,2	Not available	N;Xn;R10;R38;R43;R51/53;R65	Flam. Liq. 3;H226 Asp. Tox. 1;H304 Skin Irrit. 2;H315 Skin Sens. 1;H317 Aquatic Chronic 2;H411	8008-57-9	232-433-8	2825
Citral	4-5	Not available	Xi;R38;R43	Acute Tox. 5 (Dermal);H313 Skin Irrit. 2;H315 Eye Irrit. 2;H319 Skin Sens. 1;H317 Aquatic Acute 2;H401	5392-40-5	226-394-6	2303
Linalyl acetate	3-4	Not available	Xi;R38	Flam. Liq. 4;H227 Skin Irrit. 2;H315 Eye Irrit. 2;H319 Aquatic Acute 3;H402	115-95-7	204-116-4	2636
Hexyl cinnamaldehyde	3-4	Not available	N;Xi;R38;R43;R50/53	Acute Tox. 5 (Oral);H303 Skin Sens. 1;H317 Aquatic Acute 1;H400 Aquatic Chronic 2;H411	101-86-0	202-983-3	2569
Methyl N-methylantranilate	2,95-3,95	Not available		Flam. Liq. 4;H227 Acute Tox. 5 (Oral);H303 Skin Irrit. 3;H316	85-91-6	201-642-6	2718
Linalool	2,65-3,65	Not available	Xi;R38	Flam. Liq. 4;H227 Acute Tox. 5 (Oral);H303 Skin Irrit. 2;H315 Eye Irrit. 2;H319 Aquatic Acute 3;H402	78-70-6	201-134-4	2635
d-Limonene	2,2-3,2	Not available	N;Xn;R10;R38;R43;R50/53;R65	Flam. Liq. 3;H226 Asp. Tox. 1;H304 Skin Irrit. 2;H315 Skin Sens. 1;H317 Aquatic Chronic 1;H410	5989-27-5	227-813-5	2633
Lemon oil terpenes	2-3	Not available	N;Xn;R10;R38;R43;R51/53;R65	Flam. Liq. 3;H226 Asp. Tox. 1;H304 Skin Irrit. 2;H315 Skin Sens. 1;H317 Aquatic Chronic 2;H411	68917-33-9	284-515-8	2623
Dihydromyrcenol (2,6-Dimethyloct-7-en-2-ol)	2-3	Not available	Xi;R38	Flam. Liq. 4;H227 Acute Tox. 5 (Oral);H303 Skin Irrit. 3;H316 Eye Irrit. 2;H319 Aquatic Acute 3;H402	18479-58-8	242-362-4	-
Citronellol	0,51-1,51	Not available	N;Xi;R38;R43;R51/53	Acute Tox. 5 (Dermal);H313 Acute Tox. 5 (Oral);H303 Skin Irrit. 2;H315 Eye Irrit. 2;H319 Skin Sens. 1;H317 Aquatic Acute 2;H401	106-22-9	203-375-0	2309
Nerol	0,5-1,5	Not available	Xi;R36/38;R43	Acute Tox. 5 (Oral);H303 Skin Irrit. 2;H315 Eye Irrit. 2;H319 Skin Sens. 1;H317 Aquatic Acute 3;H402	106-25-2	203-378-7	2770
p-Cymene	0,15-1,15	Not available	N;Xn;R10;R51/53;R65	Flam. Liq. 3;H226 Asp. Tox. 1;H304 Acute Tox. 5 (Oral);H303 Skin Irrit. 3;H316 Aquatic Chronic 2;H411	99-87-6	202-796-7	2356
3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one	0,05-1,05	Not available	N;Xi;R36/38;R43;R51/53	Skin Irrit. 2;H315 Eye Irrit. 2B;H320	127-51-5	204-846-3	2714

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
(alpha-iso-methyl ionone)				Skin Sens. 1;H317 Aquatic Chronic 2;H411			
Musk	0,8-1	Not available	N;R50/53	Skin Irrit. 3;H316 Aquatic Chronic 1;H410	1222-05-5	214-946-9	-
Nerolidol (isomer unspecified)	0,4-0,5	Not available	N;R50/53	Skin Irrit. 3;H316 Eye Irrit. 2;H319 Aquatic Chronic 1;H410	7212-44-4	230-597-5	2772
Dodecanenitrile	0,4-0,5	Not available	N;Xi;R38;R50/53	Skin Irrit. 2;H315 Aquatic Chronic 1;H410	2437-25-4	219-440-1	-

#### 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>	Yellow to dark 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>	1.476 - 1.486

## 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

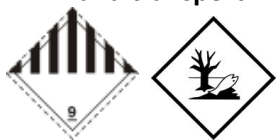
This preparation has not been subjected to ecotoxicological testing as an entity but has been blended from materials with established toxicological bibliographies. In view of the difficulty of using current standard toxicological evaluation techniques to predict hazards to susceptible individuals or 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: 9  
Danger code (Kemler): 90  
UN number: 3082  
Packaging group: III  
Hazard label: 9  
Special marking: Symbol (fish and tree)  
UN proper shipping name: 3082 ENVIRONMENTALLY HAZARDOUS  
Tunnel restriction code: E

**14.2 Maritime transport IMDG**

IMDG Class: 9  
UN number: 3082  
Label: 9  
Packaging group: III  
EMS number: F-A, S-F  
Marine pollutant: Yes  
Segregation groups: --  
Proper shipping name: 3082 ENVIRONMENTALLY HAZARDOUS

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

ICAO/IATA Class: 9  
UN number: 3082  
Label: 9  
Packaging group: III  
Proper shipping name: 3082 ENVIRONMENTALLY HAZARDOUS

## 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

Dangerous for the environment;N;R51/53

Irritant;Xi;R38;R43

### Hazard symbols



N Xi

### Risk phrases

R38 - Irritating to skin

R43 - May cause sensitisation by skin contact

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

### Safety phrases

S24 - Avoid contact with skin

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)

S61 - Avoid release to the environment. Refer to special instructions/safety data sheet

### Other hazards

None

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

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

R10 - Flammable

R36/38 - Irritating to eyes and skin

R38 - Irritating to skin

R43 - May cause sensitisation by skin contact

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

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

R65 - Harmful: may cause lung damage if swallowed



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

- H226 - Flammable liquid and vapour
- H227 - Combustible liquid
- H303 - May be harmful if swallowed
- H304 - May be fatal if swallowed and enters airways
- 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
- H320 - Causes eye irritation
- H400 - Very toxic to aquatic life
- H401 - Toxic to aquatic life
- H402 - Harmful to aquatic life
- H410 - Very toxic to aquatic life with long lasting effects
- H411 - Toxic 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.