



Compilation Date: 15th December 2016

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Revision No: 1

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY /UNDERTAKING

1.1. Product identifier

Glass Wax Fill Candle Citrus Fizz

C81772PR

30243770

5054077523196

1.2. Relevant identified uses of the substance or mixture and uses advised against

Glass Wax Fill Candle

1.3. Details of the supplier of the safety data sheet

1.4. Emergency telephone number (Out of Office Hours)

Tel: +44 (0) 7570900688, +44 (0) 7734229960

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture (in accordance with Regulation (EC) No 1272/2008)

Classification under CLP:	Skin sensitization Category 1 - (H317)
	Chronic aquatic toxicity Category 3 - (H412)
Most important adverse effects:	Skin sensitization Category 1 - (H317)
	Chronic aquatic toxicity Category 3 - (H412)

2.2 Label elements (in accordance with Regulation (EC) No. 1272/2008)



Pictogram(s):

Signal Word(s): Warning

Hazard Statement(s): H317 - May cause an allergic skin reaction

H412 - Harmful to aquatic life with long lasting effects

Precautionary Statement(s): P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

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

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

P391 - Collect spillage

P273 - Avoid release to the environment

P501 - Dispose of contents/ container to an approved waste disposal plant

2.3 Other hazards

No information available.

3. COMPOSITION / INFORMATION ON INGREDIENTS**3.1 Mixtures**

Chemical Name	EC No	CAS No	Weight-%	Classification according to Directive 67/548/EEC or 1999/45/EC	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
Paraffin wax	165-154-4	64742-51-4	75.8-85.8	Not classified	Not classified	
palm wax	273-313-5	68956-68-3	10-20	Not classified	Not classified	
UV stabiliser	221-573-5	3147-75-9	0-1	R53	Aquatic Chronic 4 (H413)	
CSH9689	Hexyl cinnamic aldehyde	202-983-3	1.5-1.8	R43 N; R51-53	Skin Sens. 1B (H317) Aquatic Chronic 2 (H411)	
	Citral	226-394-6	1.5-1.8	Xi; R38 R43	Skin Irrit. 2 (H315) Skin Sens. 1 (H317)	
	Benzyl benzoate	204-402-9	120-51-4	Xn; R22 N; R51-53	Acute Tox. 4 (H302) Aquatic Chronic 2 (H411)	
	Litsea cubeba oil	-	68855-99-2	0.3-0.6	Xi; R38 Xi; R36	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)
	Benzyl salicylate	204-262-9	118-58-1	0.3-0.6	R43 Xi; R36 R52-53	Skin Sens. 1B (H317) Eye Irrit. 2 (H319) Aquatic Chronic 3 (H412)
	D-Limonene	227-813-5	5989-27-5	0.06-0.3	R10 Xi; R38 R43 N; R50-53	Flam. Liq. 3 (H226) Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)

The product identifier, the concentration or concentration ranges and the classifications shall be provided for at least all substances referred to in points 3.2.1 or 3.2.2 of (EC) No 1907/2006. Suppliers of mixtures may choose to list in

addition all substances in the mixture, including substances not meeting the criteria for classification. This information shall allow easy identification of the hazards of substances within the mixture.

4. FIRST AID MEASURES

4.1 Description of first aid measures

Eye: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin/Hair: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician

Ingestion: Rinse mouth. Get medical attention. Never give anything by mouth to an unconscious person.

Inhalation: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

May cause allergic skin reaction.

4.3 Indication of any immediate medical attention and special treatment needed.

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: No information available.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: Thermal decomposition can lead to release of irritating and toxic gases and vapours.

5.3 Advice for fire-fighters

Additional information: Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, protective equipment and emergency procedures

For non-emergency personnel: Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition. Avoid contact with skin, eyes and inhalation of vapours. Use personal protection recommended in Section 8.

For emergency responders: Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition. Avoid contact with skin, eyes and inhalation of vapours. Use personal protection recommended in Section 8.

6.2 Environmental Precautions

Local authorities should be advised if significant spillages cannot be contained. Prevent entry into waterways, sewers, basements or confined areas.

6.3 Methods and material for containment and clearing up

Take up mechanically, placing in appropriate containers for disposal.

6.4 References to Other Sections

See Section 7 for more information

See section 8 for more information

See section 13 for more information

7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Handle in accordance with good industrial hygiene and safety practice

Ensure adequate ventilation, especially in confined areas

Avoid contact with skin, eyes or clothing

Do not eat, drink or smoke when using this product

Use personal protection recommended in Section 8

7.2 Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition. Store in accordance with the particular national regulations.

7.3 Specific end use(s)

Apart from the uses mentioned in SECTION 1.2 no other specific uses are stipulated.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1 Control parameters**

Chemical Name	Australia	Austria	Belgium	Denmark	European Union
palm wax (CAS #: 68956-68-3)	10 mg/m ³	-	-	-	-

Chemical Name	Latvia	France	Finland	Germany	Italy

D-Limonene (CAS #: 5989-27-5)		TWA: 1000 mg/m ³ STEL: 1500 mg/m ³	TWA: 25 ppm TWA: 140 mg/m ³ STEL: 50 ppm STEL: 280 mg/m ³	TWA: 5 ppm TWA: 28 mg/m ³ Ceiling / Peak: 20 ppm Ceiling / Peak: 112 mg/m ³ Skin	-
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Chemical Name	Poland	Portugal	Spain	Switzerland	Netherlands
Citral (CAS #: 5392-40-5)	STEL: 54 mg/m ³ TWA: 27 mg/m ³	-	S*	-	-
D-Limonene (CAS #: 5989-27-5)	-	-	-	STEL: 40 ppm STEL: 220 mg/m ³ TWA: 20 ppm TWA: 110 mg/m ³	-

Chemical Name	Norway	United Kingdom	ACGIH TLV	OSHA PEL	NIOSH IDLH
Citral (CAS #: 5392-40-5)	-	-	TWA: 5 ppm inhalable fraction and vapor S*	-	-
D-Limonene (CAS #: 5989-27-5)	TWA: 25 ppm TWA: 140 mg/m ³ STEL: 37.5 ppm STEL: 175 mg/m ³	-	-	-	-

8.2 Exposure Controls

Engineering Controls

Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection	Wear safety glasses with side shields (or goggles).
Hand Protection	Wear protective gloves.
Skin and body protection	Suitable protective clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.

Environmental exposure controls

Do not allow into any sewer, on the ground or into any body of water.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance: Solid

Odour: Citrus

Odour threshold: Not determined

pH: Not determined

Melting point/freezing point: Not determined

Initial boiling point and boiling range: Not determined

Flash point: Not determined
 Evaporation rate: Not determined
 Flammability (solid, gas): Not determined
 Upper/lower flammability or explosive limits: Not determined
 Vapour pressure: Not determined
 Vapour density: Not determined
 Relative density: Not determined
 Solubility(ies): Not determined
 Partition coefficient: n-octanol/water: Not determined
 Auto-ignition temperature: Not determined
 Decomposition temperature: Not determined
 Viscosity: Not determined
 Explosive properties: Not an explosive
 Oxidising properties: Not determined

9.2. Other information

No information available

10. STABILITY AND REACTIVITY

10.1. Reactivity

No information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

Strong oxidizing agents. Strong acids. Strong bases.

10.6. Hazardous decomposition

None under normal use conditions.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

General information:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Citral (CAS #: 5392-40-5)	= 4950 mg/kg (Rat)	= 2250 mg/kg (Rabbit)	-

Benzyl benzoate (CAS #: 120-51-4)	= 500 mg/kg (Rat)	= 4000 mg/kg (Rabbit)	-
D-Limonene (CAS #: 5989-27-5)	-	> 5 g/kg (Rabbit)	-

Inhalation: No information available.

Ingestion: No information available.

Skin contact: This is determined as non-irritating to the skin. However, it may cause sensitization by skin contact.

Eye contact: No eye irritation.

Carcinogenicity:

Chemical Name	European Union	IARC
D-Limonene (CAS #: 5989-27-5)	-	Group 2A Group 3

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Chemical Name	Algae/aquatic plants EC50	Fish LC50	Crustacea EC50
Citral (CAS #: 5392-40-5)	16: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 19: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50	4.6 - 10: 96 h <i>Leuciscus idus</i> mg/L LC50 static	7: 48 h <i>Daphnia magna</i> mg/L EC50
D-Limonene (CAS #: 5989-27-5)	-	0.619 - 0.796: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 35: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50	-

12.2 Persistence and degradability

No information available.

12.3 Bio-accumulative potential

Chemical Name	Partition coefficient (LogPow)
Citral (CAS #: 5392-40-5)	2.76

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment information is not available as chemical safety assessment not conducted.

12.6 Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Road Transport Notes: N/A

Rail Transport Notes: N/A

Sea Transport Notes: N/A

Air Transport Notes: N/A

14.1. UN number

Not regulated

14.2. UN proper shipping name

Not regulated

14.3. Transport hazard class(es)

Not regulated

14.4. Packing group

Not regulated

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

No information available

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

15. REGULATORY INFORMATION

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

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Take note of Directive 94/33/EC on the protection of young people at work

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

International Inventories

Component	TSCA	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
Paraffin wax 64742-51-4 (75.8-85.8)	X	X	X	X	X	X	X	X
palm wax 68956-68-3 (10-20)	X	X	X	-	X	X	X	X
UV stabiliser 3147-75-9 (0-1)	X	X	X	X	X	X	X	X
Hexyl cinnamic aldehyde 101-86-0 (1.5-1.8)	X	X	X	X	X	X	X	X
Citral 5392-40-5 (1.5-1.8)	X	X	X	X	X	X	X	X
Benzyl benzoate 120-51-4 (0.6-0.9)	X	X	X	X	X	X	X	X

Litsea cubeba oil 68855-99-2 (0.3-0.6)	X	X	-	-	X	X	X	X
Benzyl salicylate 118-58-1 (0.3-0.6)	X	X	X	X	X	X	X	X
D-Limonene 5989-27-5 (0.06-0.3)	X	X	X	X	X	X	X	X

"-" Not Listed

"X" Listed

15.2. Chemical Safety Assessment

No information available.

16. OTHER INFORMATION

Version 1 Date: 15-December-2016

Key or legend to abbreviations and acronyms used in the safety data sheet

TWA - TWA (time-weighted average)

STEL - STEL (Short Term Exposure Limit)

Ceiling - Maximum limit value

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

Full text of H-Statements referred to under section 3

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

H226 - Flammable liquid and vapor

H302 - Harmful if swallowed

H319 - Causes serious eye irritation

H412 - Harmful to aquatic life with long lasting effects

H411 - Toxic to aquatic life with long lasting effects

H413 - May cause long lasting harmful effects to aquatic life

Full text of R-phrases referred to under sections 2 and 3

R10 - Flammable

R43 - May cause sensitization by skin contact

R38 - Irritating to skin

R22 - Harmful if swallowed

R36 - Irritating to eyes

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

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

Disclaimer

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