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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 Cotton & Waterlily

C81768PR

30243764

5054077523158

#### **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: Chronic aquatic toxicity Category 3 - (H412)

Most important adverse effects: Chronic aquatic toxicity Category 3 - (H412)

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

Pictogram(s): None

Signal Word(s): None

Hazard Statement(s): H412 - Harmful to aquatic life with long lasting effects

Precautionary Statement(s): 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)	
AR268105	Benzyl salicylate	204-262-9	118-58-1	0.2-0.5	N, Xi R43,R51/53	Skin sens. 1 (H317), Aquatic chronic 2 (H411)
	1-(2,3,8,8-Tetramethyl-1,2,3,4,5,6,7,8-octahydronaphthalen-2-yl)ethanone	259-174-3	54464-57-2	0.2-0.5	Xi, N R38,R43,R51/53	Skin irrit. 2 (H315), Skin sens. 1 (H317), Aquatic chronic 1 (H410)
	2-Benzylideneoctanal	202-983-3	101-86-0	0.2-0.5	Xi R38,R43	Skin sens. 1 (H317), Aquatic chronic 2 (H411)
	4-(4-hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde	250-863-4	31906-04-4	0.05-0.2	Xi R43,R52/53	Skin sens. 1 (H317), Aquatic chronic 3 (H412)
	3,7-dimethyloctan-3-ol	201-133-9	78-69-3	0.05-0.2	Xi, N R38,R51/53	Skin irrit. 2 (H315)
	2-phenylethanol	200-456-2	60-12-8	0.05-0.2	Xn R22,R36	Acute Tox. 4 (oral) (H302), Eye Irrit. 2 (H319)

3-(4-tert-Butylphenyl)-2-methylpropanal	201-289-8	80-54-6	0.05-0.2	Xn, N R22,R38,R43,R51/ 53,R62	Acute Tox. 4 (oral) (H302), Skin irrit. 2 (H315), Skin sens. 1 (H317), Reproductive Toxicity 2 (H361), Aquatic chronic 2 (H411)
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno(5,6-c)pyran	214-946-9	1222-05-5	0.05-0.2	N R50/53	Aquatic chronic 1 (H410)
1-(3-Methoxypropoxy)propan-1-ol	252-104-2	34590-94-8	0.05-0.2	Not Classified	Not Classified

*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 vapors

### **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 and place in container for disposal according to local / national regulations (see Section 13)

### **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

Wash contaminated clothing before reuse

Do not eat, drink or smoke when using this product

Wash thoroughly after handling

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 <sup>3</sup>	-	-	-	-
1-(3-Methoxypropoxy)propan-1-ol (CAS #: 34590-94-8)	50 ppm 308 mg/m <sup>3</sup> Skin	Skin STEL 100 ppm STEL 614 mg/m <sup>3</sup> TWA: 50 ppm TWA: 307 mg/m <sup>3</sup>	-	TWA: 50 ppm TWA: 309 mg/m <sup>3</sup> Skin	-

Chemical Name	Norway	United Kingdom	ACGIH TLV	OSHA PEL	NIOSH IDLH
1-(3-Methoxypropoxy)propan-1-ol (CAS #: 34590-94-8)	-	-	STEL: 150 ppm TWA: 100 ppm S*	-	-

### **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: Baby powder  
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): Insoluble in water  
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
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno(5,6-c)pyran (CAS #: 1222-05-5)	> 4640 mg/kg bw (OECD 401)	> 10000 mg/kg bw (OECD 402)	-

Inhalation: No information available.

Ingestion: No information available.

Skin contact: Non-irritating to the skin.

Eye contact: No eye irritation.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Chemical Name	Algae/aquatic plants EC50	Fish LC50	Crustacea EC50
2-phenylethanol (CAS #: 60-12-8)	490: 72 h Desmodium subspicatum mg/L EC50	-	-

### 12.2 Persistence and degradability

No information available.

### 12.3 Bio-accumulative potential

No information available.

### 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/E L INCS	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



Benzyl salicylate 118-58-1 ( 0.4-1 )	X	X	X	X	X	X	X	X
1-(2,3,8,8-Tetramethyl-1,2,3,4,5,6,7,8-octahydronaphthalen-2-yl)ethanone 54464-57-2 ( 0.4-1 )	X	X	X	X	X	X	X	X
2-Benzylideneoctanal 101-86-0 ( 0.4-1 )	X	X	X	X	X	X	X	X
4-(4-hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde 31906-04-4 ( 0.1-0.4 )	X	X	X	X	X	X	X	X
3,7-dimethyloctan-3-ol 78-69-3 ( 0.1-0.4 )	X	X	X	X	X	X	X	X
2-phenylethanol 60-12-8 ( 0.1-0.4 )	X	X	X	X	X	X	X	X
3-(4-tert-Butylphenyl)-2-methylpropanal 80-54-6 ( 0.1-0.4 )	X	X	X	X	X	X	X	X
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno(5,6-c)pyran 1222-05-5 ( 0.1-0.4 )	X	X	X	X	X	X	X	X

(1-(3-Methoxypropoxy)propan-1-ol 34590-94-8 (0.1-0.4 )	X	X	X	X	X	X	X	X
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"-" Not Listed

"X" Listed

### **15.2. Chemical Safety Assessment**

No information available.

## **16. OTHER INFORMATION**

**Version 1 Date:** 17-November-2016

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

### **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/NDSL** - 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**

H302 - Harmful if swallowed

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H361 - Suspected of damaging fertility or the unborn child

H410 - Very toxic to aquatic life with long lasting effects

H411 - Toxic to aquatic life with long lasting effects

H412 - Harmful 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**

R22 - Harmful if swallowed.

R36 - Irritating to eyes.

R38 - Irritating to skin.

R36/38 - Irritating to eyes and skin.

R43 - May cause sensitization 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.

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

R62 - Possible risk of impaired fertility.

R53 - May cause long-term adverse effects in aquatic environment.

**Disclaimer**

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