



# SAFETY DATA SHEET

Issue Date 24-Sep-2019

Revision Date 24-Sep-2019

Version 2

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Trade name / designation POMEGRANATE COCONUT Wax Cube  
Product Code 1628772E  
Product Name WXMLT-HIYC REC PMGRNT CCNT YCE

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

Recommended Use Consumer use  
Uses advised against No information available

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

#### Supplier

Yankee Candle Company Europe Ltd.  
Cabot Park, Poplar Way East, Avonmouth  
Bristol, BS11 0YH, UK  
Tel: +44(0) 117 316 1200

For further information, please contact

E-mail address SDSinfo@yankeecandle.com

### 1.4. Emergency telephone number

Emergency Telephone - §45 - (EC)1272/2008

Europe 008 008 658 8466

## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

### 2.2. Label elements

Contains Isocyclemone E, Linalool, Coumarin, Linalyl acetate, Ethyl 2,2-dimethylhydrocinnamal, delta-Damascone, Hexyl salicylate, Terpenes, Orange Oil, Ethyl methylphenylglycidate May produce an allergic reaction

### 2.3. Other hazards

Contact with product at elevated temperatures can result in thermal burns

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2

Chemical Name	EC No	CAS No	Weight-%	Classification
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				<b>according to Regulation (EC) No. 1272/2008 [CLP]</b>
Hexanedioic acid, 1,6-bis(2-ethylhexyl) ester	203-090-1	103-23-1	>=5 <10%	No data available
Benzyl benzoate	204-402-9	120-51-4	>=1 <3%	Acute Tox. 4 (H302) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)
Isocyclemone E	259-174-3	54464-57-2	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Aquatic Chronic 1 (H410)
Coumarin	202-086-7	91-64-5	>=0.1 <1%	Acute Tox. 4 (H302) Skin Sens. 1B (H317)
Linalool	201-134-4	78-70-6	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Eye Irrit. 2 (H319)
Terpenes, Orange Oil		68647-72-3	>=0.1 <1%	Aquatic Acute 1 (H400) Skin Sens. 1B (H317) Skin Irrit. 2 (H315) Asp. Tox. 1 (H304) Aquatic Chronic 1 (H410) Flam. Liq. 3 (H226)
Phenol, 2,6-bis(1,1-dimethylethyl)-4- methyl-	204-881-4	128-37-0	>=0.1 <1%	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
Hexanoic acid, 2-propen-1-yl ester	204-642-4	123-68-2	>=0.1 <1%	Flam. Liq. 4 (H227) Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 3 (H331) Aquatic Acute 1 (H400) Aquatic Chronic 3 (H412)
Heptanoic acid, 2-propen-1-yl ester	205-527-1	142-19-8	>=0.1 <1%	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Aquatic Acute 1 (H400) Aquatic Chronic 3 (H412)
Hexyl salicylate	228-408-6	6259-76-3	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
Ethyl 2,2-dimethylhydrocinnamal	266-819-2	67634-15-5	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)
Acetic acid, phenylmethyl ester	205-399-7	140-11-4	>=0.1 <1%	Aquatic Chronic 3 (H412)
Acetic acid, 2-(cyclohexyloxy)-, 2-propen-1-yl ester	272-657-3	68901-15-5	>=0.1 <1%	Acute Tox. 4 (H302) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
8-Cyclohexadecen-1-one	Present	3100-36-5	>=0.1 <1%	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
Ethyl methylphenylglycidate	201-061-8	77-83-8	>=0.1 <1%	Skin Sens. 1B (H317) Aquatic Acute 2 (H401) Aquatic Chronic 2 (H411)
delta-Damascone	260-709-8	57378-68-4	>=0.1 <1%	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
Linalyl acetate	204-116-4	115-95-7	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317)
Propanol, oxybis- beta-Pinene	246-770-3 204-872-5	25265-71-8 127-91-3	>=0.01 <0.1% >=0.01 <0.1%	Not Classified Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
1-Butanol, 3-methyl-, 1-acetate	204-662-3	123-92-2	>=0.01 <0.1%	EUH066 Flam. Liq. 3 (H226) Aquatic Acute 3 (H402)

Full text of H- and EUH-phrases: see section 16

## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

<b>General advice</b>	In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
<b>Inhalation</b>	Remove to fresh air. If symptoms persist, call a physician.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
<b>Ingestion</b>	Do NOT induce vomiting. Drink plenty of water. Immediate medical attention is not required. Rinse mouth.
<b>Self-protection of the first aider</b>	Use personal protective equipment as required.

### 4.2. Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	None known.
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### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	May cause sensitization of susceptible persons.
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## Section 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

In the event of fire and/or explosion do not breathe fumes May cause sensitization by inhalation and skin contact Thermal decomposition can lead to release of irritating and toxic gases and vapors

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

## Section 6: ACCIDENTAL RELEASE MEASURES

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

#### **Personal precautions**

Use personal protective equipment as required. Avoid contact with eyes and skin.

#### **For emergency responders**

Use personal protection recommended in Section 8.

**6.2. Environmental precautions**

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system.

**6.3. Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. After cleaning, flush away traces with water. Prevent product from entering drains.

**6.4. Reference to other sections**

See Section 12: ECOLOGICAL INFORMATION.

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

Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required.

When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

**7.2. Conditions for safe storage, including any incompatibilities**

Keep out of the reach of children. Keep container tightly closed. Keep containers tightly closed in a cool, well-ventilated place.

**7.3. Specific end use(s)**

To avoid risks to human health and the environment, comply with the instructions for use.

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

Chemical Name	European Union	United Kingdom	France	Spain	Germany
Phenol, 2,6-bis(1,1-dimethylethyl)-4- methyl- 128-37-0		STEL: 30 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> Ceiling / Peak: 40 mg/m <sup>3</sup> Skin
Acetic acid, phenylmethyl ester 140-11-4				TWA: 10 ppm TWA: 62 mg/m <sup>3</sup>	
Propanol, oxybis- 25265-71-8					TWA: 100 mg/m <sup>3</sup> Ceiling / Peak: 200 mg/m <sup>3</sup>
Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene- 127-91-3			TWA: 1000 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 113 mg/m <sup>3</sup>	
1-Butanol, 3-methyl-, 1-acetate 123-92-2	TWA 50 ppm TWA 270 mg/m <sup>3</sup> STEL 100 ppm STEL 540 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 270 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 270 mg/m <sup>3</sup> STEL: 100 ppm STEL: 540 mg/m <sup>3</sup>	STEL: 100 ppm STEL: 540 mg/m <sup>3</sup> TWA: 50 ppm TWA: 270 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 270 mg/m <sup>3</sup> Ceiling / Peak: 50 ppm Ceiling / Peak: 270 mg/m <sup>3</sup>
Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
Phenol, 2,6-bis(1,1-dimethylethyl)-4- methyl- 128-37-0		TWA: 2 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup> STEL: 20 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>
Acetic acid, phenylmethyl ester 140-11-4		TWA: 10 ppm			TWA: 10 ppm TWA: 61 mg/m <sup>3</sup>
Bicyclo[3.1.1]heptane,		TWA: 20 ppm			

6,6-dimethyl-2-methylene-127-91-3						
1-Butanol, 3-methyl-, 1-acetate 123-92-2	TWA: 50 ppm TWA: 270 mg/m³ STEL: 100 ppm STEL: 540 mg/m³	STEL: 100 ppm STEL: 540 mg/m³ TWA: 50 ppm TWA: 270 mg/m³	STEL: 530 mg/m³	TWA: 50 ppm TWA: 270 mg/m³ STEL: 100 ppm STEL: 540 mg/m³	TWA: 50 ppm TWA: 271 mg/m³	
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland	Czech Republic
Hexanedioic acid, 1,6-bis(2-ethylhexyl) ester 103-23-1			TWA: 400 mg/m³			
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-128-37-0	TWA: 10 mg/m³	STEL: 40 mg/m³ TWA: 10 mg/m³			TWA: 10 mg/m³ STEL: 30 mg/m³	
Propanol, oxybis-25265-71-8		STEL: 280 mg/m³ TWA: 140 mg/m³				
Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene-127-91-3				TWA: 25 ppm TWA: 140 mg/m³ STEL: 37.5 ppm STEL: 175 mg/m³		
1-Butanol, 3-methyl-, 1-acetate 123-92-2	STEL 100 ppm STEL 540 mg/m³ TWA: 50 ppm TWA: 270 ma/m³	STEL: 50 ppm STEL: 260 mg/m³ TWA: 50 ppm TWA: 260 ma/m³	STEL: 500 mg/m³ TWA: 250 mg/m³	TWA: 50 ppm TWA: 260 mg/m³ STEL: 75 ppm STEL: 325 ma/m³	TWA: 50 ppm TWA: 260 mg/m³ STEL: 100 ppm STEL: 520 mg/m³	Ceiling: 540 mg/m³

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available.

## 8.2. Exposure controls

**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

### Personal protective equipment

**Eye/face protection** Tight sealing safety goggles.

**Skin and body protection** Suitable protective clothing.

**Environmental exposure controls** Do not allow into any sewer, on the ground or into any body of water.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<b>Physical state</b>	Solid	<b>Odor</b>	Characteristic
<b>Appearance</b>	Candle and/or Wax	<b>Odor threshold</b>	No information available
<b>Color</b>	No information available		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
<b>pH</b>		Not Applicable	
<b>Melting point/freezing point</b>	50-60 °C		
<b>Boiling point / boiling range</b>		No information available	
<b>Flash point</b>	>= 140 °C		
<b>Evaporation rate</b>		No information available	
<b>Flammability (solid, gas)</b>		No information available	
<b>Flammability Limit in Air</b>			
<b>Upper flammability limit:</b>		No information available	
<b>Lower flammability limit:</b>		No information available	
<b>Vapor Pressure @20°C (kPa)</b>	No information available	No information available	
<b>Vapor density</b>		No information available	
<b>Specific Gravity</b>		No information available	
<b>Water solubility</b>	negligible	No information available	
<b>Solubility(ies)</b>		No information available	

Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available
Explosive properties	No information available
Oxidizing properties	No information available

**9.2. Other information**

Softening point	No information available
Molecular weight	Not Applicable
VOC Content (%)	3.94
Density	No information available
Bulk density	No information available

## Section 10: STABILITY AND REACTIVITY

**10.1. Reactivity**

No data available.

**10.2. Chemical stability**

Stable under normal conditions.

Explosion data

Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.

**10.3. Possibility of hazardous reactions**

None under normal processing.

**10.4. Conditions to avoid**

Extremes of temperature and direct sunlight.

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**

None under normal use conditions.

## Section 11: TOXICOLOGICAL INFORMATION

**11.1. Information on toxicological effects****Product information**

Product does not present an acute toxicity hazard based on known or supplied information.

**Unknown Acute Toxicity** 22.6955% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	16,003.00 mg/kg
ATEmix (dermal)	19,726.00 mg/kg
ATEmix (inhalation-vapor)	407.00 mg/l

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
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Hexanedioic acid, 1,6-bis(2-ethylhexyl) ester	= 5600 mg/kg ( Rat )	= 8410 mg/kg ( Rabbit )	
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-	> 2930 mg/kg ( Rat )	> 2000 mg/kg ( Rat )	
Acetic acid, phenylmethyl ester	= 2490 mg/kg ( Rat )	> 5 g/kg ( Rabbit ) > 5000 mg/kg ( Rabbit )	
Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene-	= 4700 mg/kg ( Rat ) > 5000 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	

<b>Skin corrosion/irritation</b>	No information available.
<b>Serious eye damage/eye irritation</b>	Contact with eyes may cause irritation.
<b>Sensitization</b>	Repeated or prolonged contact may cause allergic reactions in very susceptible persons.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

5.45925% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Hexanedioic acid, 1,6-bis(2-ethylhexyl) ester	500: 72 h Desmodesmus subspicatus mg/L EC50	0.48 - 0.85: 96 h Oncorhynchus mykiss mg/L LC50 static 0.48 - 0.85: 96 h Lepomis macrochirus mg/L LC50 static 54 - 150: 96 h Salmo gairdneri mg/L LC50 static 0.48 - 0.85: 96 h Pimephales promelas mg/L LC50 static	1.6: 48 h Daphnia magna mg/L EC50
1,6-Octadien-3-ol, 3,7-dimethyl-	88.3: 96 h Desmodesmus subspicatus mg/L EC50	22 - 46: 96 h Leuciscus idus mg/L LC50 static	20: 48 h Daphnia magna mg/L EC50
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-	0.42: 72 h Desmodesmus subspicatus mg/L EC50 6: 72 h Pseudokirchneriella subcapitata mg/L EC50	5: 48 h Oryzias latipes mg/L LC50	
Hexanoic acid, 2-propen-1-yl ester		30: 96 h Carassius auratus mg/L LC50	
Propanol, oxybis-		5000: 24 h Carassius auratus mg/L LC50 static	

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

No information available.

Chemical Name	Partition coefficient
Hexanedioic acid, 1,6-bis(2-ethylhexyl) ester	8.114
Benzoic acid, phenylmethyl ester	4

1,6-Octadien-3-ol, 3,7-dimethyl-	2.84 - 3.1
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-	4.17
Acetic acid, phenylmethyl ester	1.96

**12.4. Mobility in soil****Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

No information available.

**12.6. Other adverse effects**

No information available

Chemical Name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Endocrine disrupting potential
Hexanedioic acid, 1,6-bis(2-ethylhexyl) ester	Group III Chemical		

**Section 13: DISPOSAL CONSIDERATIONS****13.1. Waste treatment methods****Waste from Residues / Unused Products**

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

**Contaminated packaging**

Improper disposal or reuse of this container may be dangerous and illegal.

**Other Information**

Waste codes should be assigned by the user based on the application for which the product was used.

**Section 14: TRANSPORT INFORMATION****IMDG**

Proper shipping name

Not regulated

**RID****ADR****ICAO (air)****IATA**

Proper shipping name

Not regulated

**Section 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Chemical Name	French RG number	Title
1-Butanol, 3-methyl-, 1-acetate 123-92-2	RG 84	

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

**International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies

**Legend:**

**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

**AICS** - Australian Inventory of Chemical Substances

**15.2. Chemical safety assessment**

No information available

**Section 16: OTHER INFORMATION****Full text of H-Statements referred to under sections 2 and 3**

H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H302 - Harmful if swallowed  
H400 - Very toxic to aquatic life  
H411 - Toxic to aquatic life with long lasting effects  
H227 - Combustible liquid  
H301 - Toxic if swallowed  
H311 - Toxic in contact with skin  
H331 - Toxic if inhaled  
H412 - Harmful to aquatic life with long lasting effects  
H226 - Flammable liquid and vapor  
H402 - Harmful to aquatic life  
H304 - May be fatal if swallowed and enters airways  
H410 - Very toxic to aquatic life with long lasting effects  
H401 - Toxic to aquatic life  
H319 - Causes serious eye irritation

**Classification procedure**

Classification according to calculation method of the CLP regulation.

**Key literature references and sources for data**

IFRA-IOFI Labelling Manual, RIFM/FEMA database, Supplier Information

<b>Issue Date</b>	24-Sep-2019
<b>Revision Date</b>	24-Sep-2019
<b>Revision Note</b>	Not Applicable.

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

**Disclaimer**

This document was prepared to the requirements of the jurisdiction specified in Section 2 above and may not meet regulatory requirements in other countries. The information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

**End of Safety Data Sheet**