SAFETY DATA SHEET

Issue Date 25-Jul-2019 **Revision Date** 25-Jul-2019 **Version** 4

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

1.1. Product identifier

Trade name / designation **Midnight Jasmine Candle**
Product Code 1129548E
Product Name JAR-HW LG MDNGHT JSMN YCE FP

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

Manufacturer
Yankee Candle Company
P.O. Box 110
South Deerfield, MA 01373-0110
Tel: +1 (413)665-8306
Fax: +1 (413)665-9147

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 Hexyl cinnamal, Hydroxycitronellal, Linalool, Limonene, Cyclamen aldehyde, Citronellol, Geraniol, Linalyl acetate, Ethyl 2,2-dimethylhydrocinnamal, Octabenzone 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 according to Regulation (EC) No. 1272/2008 [CLP]
Paraffin and Hydrocarbon Waxes	Listed	-	>=50%	No data available
Hexyl cinnamal	202-983-3	101-86-0	>=0.1 <1%	Skin Sens. 1B (H317) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)
Hydroxycitronellal	203-518-7	107-75-5	>=0.1 <1%	Skin Sens. 1B (H317) Eye Irrit. 2A (H319) Aquatic Acute 3 (H402)
Acetic acid, phenylmethyl ester	205-399-7	140-11-4	>=0.1 <1%	Aquatic Chronic 3 (H412)
Linalool	201-134-4	78-70-6	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Eye Irrit. 2 (H319)
Limonene	227-813-5	5989-27-5	>=0.1 <1%	Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
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)
Benzyl benzoate	204-402-9	120-51-4	>=0.1 <1%	Acute Tox. 4 (H302) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)
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)
Cyclamen aldehyde	203-161-7	103-95-7	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Aquatic Chronic 3 (H412)
Citronellol	203-375-0	106-22-9	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Eye Irrit. 2 (H319)
Geraniol	203-377-1	106-24-1	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Eye Dam. 1 (H318)
Linalyl acetate	204-116-4	115-95-7	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317)
Octabenzone	217-421-2	1843-05-6	>=0.1 <1%	Skin Sens. 1 (H317)
Propanol, oxybis-	246-770-3	25265-71-8	>=0.01 <0.1%	Not Classified
beta-Pinene	204-872-5	127-91-3	>=0.01 <0.1%	Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
alpha-Pinenes	201-291-9	80-56-8	>=0.01 <0.1%	Flam. Liq. 3 (H226) Acute Tox. 4 (H302) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
Benzene, 1-methyl-4-(1-methylethyl)-	202-796-7	99-87-6	>=0.01 <0.1%	Not classified
Acetic acid, pentyl ester	211-047-3	628-63-7	>=0.01 <0.1%	EUH066 Flam. Liq. 3 (H226)
1,4-Cyclohexadiene, 1-methyl-4-(1-methylethyl)-	202-794-6	99-85-4	>=0.01 <0.1%	Flam. Liq. 3 (H226) Acute Tox. 5 (H303) Asp. Tox. 1 (H304) Skin Irrit. 3 (H316)

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

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

General advice In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Inhalation Remove to fresh air.

Skin Contact Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

Ingestion Clean mouth with water and drink afterwards plenty of water.

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

Symptoms None known.

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

Note to physicians Treat symptomatically.

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

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
Ensure adequate ventilation, especially in confined areas.

For emergency responders
Use personal protection recommended in Section 8.

6.2. Environmental precautions

Collect spillage.

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 Take up mechanically, placing in appropriate containers for disposal.

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.

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Store at room temperature.

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
Paraffin and Hydrocarbon Waxes		STEL: 6 mg/m³ TWA: 2 mg/m³	TWA: 2 mg/m³	TWA: 2 mg/m³	
Acetic acid, phenylmethyl ester 140-11-4				TWA: 10 ppm TWA: 62 mg/m³	
(R)-p-mentha-1,8-diene 5989-27-5			TWA: 1000 mg/m³ STEL: 1500 mg/m³		TWA: 5 ppm TWA: 28 mg/m³ Ceiling / Peak: 20 ppm Ceiling / Peak: 112 mg/m³ Skin
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- 128-37-0		STEL: 30 mg/m³ TWA: 10 mg/m³	TWA: 10 mg/m³	TWA: 10 mg/m³	TWA: 10 mg/m³ Ceiling / Peak: 40 mg/m³ Skin
Propanol, oxybis- 25265-71-8					TWA: 100 mg/m³ Ceiling / Peak: 200 mg/m³
Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene- 127-91-3			TWA: 1000 mg/m³ STEL: 1500 mg/m³	TWA: 20 ppm TWA: 113 mg/m³	
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl- 80-56-8			TWA: 1000 mg/m³ STEL: 1500 mg/m³	TWA: 20 ppm TWA: 113 mg/m³	
Benzene, 1-methyl-4-(1-methylethyl)- 99-87-6			TWA: 150 mg/m³ TWA: 1000 mg/m³ STEL: 1500 mg/m³		
Acetic acid, pentyl ester 628-63-7	TWA 50 ppm TWA 270 mg/m³ STEL 100 ppm STEL 540 mg/m³	TWA: 50 ppm TWA: 270 mg/m³	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	TWA: 50 ppm TWA: 270 mg/m³ Ceiling / Peak: 50 ppm Ceiling / Peak: 270 mg/m³
1,4-Cyclohexadiene, 1-methyl-4-(1-methylethyl)-			TWA: 1000 mg/m³ STEL: 1500 mg/m³		

99-85-4					
Chemical Name	**Italy**	**Portugal**	**Netherlands**	**Finland**	**Denmark**
Paraffin and Hydrocarbon Waxes		TWA: 2 mg/m³		TWA: 1 mg/m³	TWA: 2 mg/m³
Acetic acid, phenylmethyl ester 140-11-4		TWA: 10 ppm			TWA: 10 ppm TWA: 61 mg/m³
(R)-p-mentha-1,8-diene 5989-27-5				TWA: 25 ppm TWA: 140 mg/m³ STEL: 50 ppm STEL: 280 mg/m³	
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- 128-37-0		TWA: 2 mg/m³		TWA: 10 mg/m³ STEL: 20 mg/m³	TWA: 10 mg/m³
Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene- 127-91-3		TWA: 20 ppm			
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl- 80-56-8		TWA: 20 ppm			
Benzene, 1-methyl-4-(1-methylethyl)- 99-87-6					TWA: 25 ppm TWA: 135 mg/m³
Acetic acid, pentyl ester 628-63-7	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**
Paraffin and Hydrocarbon Waxes		TWA: 2 mg/m³	TWA: 2 mg/m³	TWA: 2 mg/m³ STEL: 4 mg/m³	TWA: 2 mg/m³ STEL: 6 mg/m³	
(R)-p-mentha-1,8-diene 5989-27-5		STEL: 14 ppm STEL: 80 mg/m³ TWA: 7 ppm TWA: 40 mg/m³		TWA: 25 ppm TWA: 140 mg/m³ STEL: 37.5 ppm STEL: 175 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		
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl- 80-56-8				TWA: 25 ppm TWA: 140 mg/m³ Skin STEL: 37.5 ppm STEL: 175 mg/m³		
Acetic acid, pentyl ester 628-63-7	STEL 100 ppm STEL 540 mg/m³ TWA: 50 ppm TWA: 270 mg/m³	STEL: 50 ppm STEL: 260 mg/m³ TWA: 50 ppm TWA: 260 mg/m³	STEL: 500 mg/m³ TWA: 250 mg/m³	TWA: 50 ppm TWA: 260 mg/m³ STEL: 75 ppm STEL: 325 mg/m³	TWA: 50 ppm TWA: 270 mg/m³ STEL: 100 ppm STEL: 540 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 No information available.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Solid		
Appearance	Candle and/or Wax	**Odor**	Characteristic
Color	white	**Odor threshold**	No information available

Property	**Values**	**Remarks • Method**
pH		Not Applicable
Melting point/freezing point	46 - 95 °C	
Boiling point / boiling range	> 288 °C	
Flash point	> 190 °C	
Evaporation rate		No information available
Flammability (solid, gas)		No information available
Flammability Limit in Air		
Upper flammability limit:		No information available
Lower flammability limit:		No information available
Vapor Pressure @20°C (kPa)	No information available	No information available
Vapor density		No information available
Specific Gravity		No information available
Water solubility	negligible	No information available
Solubility(ies)		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 (%)	0.81
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.

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

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Paraffin and Hydrocarbon Waxes	> 5000 mg/kg (Rat)	> 3600 mg/kg (Rabbit)	
Acetic acid, phenylmethyl ester	= 2490 mg/kg (Rat)	> 5 g/kg (Rabbit) > 5000 mg/kg (Rabbit)	
(R)-p-mentha-1,8-diene	= 5200 mg/kg (Rat) = 4400 mg/kg (Rat)	> 5 g/kg (Rabbit)	
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-	> 2930 mg/kg (Rat)	> 2000 mg/kg (Rat)	
Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene-	= 4700 mg/kg (Rat) > 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-	= 3700 mg/kg (Rat)	> 5000 mg/kg (Rat)	

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation Contact with eyes may cause irritation.

Sensitization Repeated or prolonged contact may cause allergic reactions in very susceptible persons.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Target Organ Effects Eyes, Respiratory system, Skin.

Aspiration hazard No information available.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

2.14164001% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
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
(R)-p-mentha-1,8-diene		0.619 - 0.796: 96 h Pimephales promelas mg/L LC50 flow-through 35: 96 h Oncorhynchus mykiss mg/L LC50	
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	
Methanone, [2-hydroxy-4-(octyloxy)phenyl]phenyl-	100: 72 h Desmodesmus subspicatus mg/L EC50	100: 96 h Brachydanio rerio mg/L LC50	52: 48 h Daphnia magna mg/L EC50
Propanol, oxybis-		5000: 24 h Carassius auratus mg/L LC50 static	
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-		0.28: 96 h Pimephales promelas mg/L LC50 static	41: 48 h Daphnia magna mg/L LC50
Acetic acid, pentyl ester		650: 96 h Lepomis macrochirus mg/L LC50 static	

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

Chemical Name	Partition coefficient
Acetic acid, phenylmethyl ester	1.96
1,6-Octadien-3-ol, 3,7-dimethyl-	2.84 - 3.1
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-	4.17
Benzoic acid, phenylmethyl ester	4
Methanone, [2-hydroxy-4-(octyloxy)phenyl]phenyl-	>6
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-	4.1
Benzene, 1-methyl-4-(1-methylethyl)-	4.1

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

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.

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
Paraffin and Hydrocarbon Waxes	RG 36	
(R)-p-mentha-1,8-diene 5989-27-5	RG 84	
Acetic acid, pentyl ester 628-63-7	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

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	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

H317 - May cause an allergic skin reaction
H400 - Very toxic to aquatic life
H411 - Toxic to aquatic life with long lasting effects
H315 - Causes skin irritation
H412 - Harmful to aquatic life with long lasting effects
H319 - Causes serious eye irritation
H318 - Causes serious eye damage
H402 - Harmful to aquatic life
H302 - Harmful if swallowed
H226 - Flammable liquid and vapor
H304 - May be fatal if swallowed and enters airways

H410 - Very toxic to aquatic life with long lasting effects
H303 - May be harmful if swallowed
H316 - Causes mild skin 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

Issue Date	25-Jul-2019
Revision Date	25-Jul-2019
Revision Note	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