

# SAFETY DATA SHEET

Issue Date 15-Jun-2020

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Version 2

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

### 1.1. Product identifier

Trade name / designation Midsummer's Night Fragrance  
Product Code 1629322E  
Product Name HF-EHF RFTW MIDS NIGHT

### 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

Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)
Skin sensitization	Category 1A - (H317)
Chronic aquatic toxicity	Category 3 - (H412)

### 2.2. Label elements



Contains Benzyl salicylate, Linalyl acetate, Lyrall

#### Warning

Causes skin irritation

Causes serious eye irritation  
May cause an allergic skin reaction  
Harmful to aquatic life with long lasting effects

Keep out of reach of children

IF ON SKIN: Wash with plenty of water.

If skin irritation or rash occurs: Get medical advice/attention

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

Dispose of contents/containers in accordance with local regulations

Contains Coumarin, Hydroxycitronellal, 2,4-Dimethyl-3-cyclohexene carboxaldehyde, Benzoic acid, 2,4-dihydroxy-3,6-dimethyl-, methyl ester, alpha-Pinenes, 1H-3a,7-Methanoazulen-6-ol, octahydro-3,6,8,8-tetramethyl-, 6-acetate, (3R,3aS,6R,7R,8aS)-, Linalool, Geraniol May produce an allergic reaction

### 2.3. Other hazards

None known

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Pentanedioic acid, 1,5-dimethyl ester	214-277-2	1119-40-0	>=50%	Aquatic Acute 3 (H402)
Hexanedioic acid, 1,6-dimethyl ester	211-020-6	627-93-0	>=20 <50%	Aquatic Acute 3 (H402)
Benzyl salicylate	204-262-9	118-58-1	>=5 <10%	Skin Sens. 1B (H317) Eye Irrit. 2 (H319) Aquatic Chronic 3 (H412)
2,6-DIMETHYL-7-OCTEN-2-OL	242-362-4	18479-58-8	>=5 <10%	Flam. Liq. 4 (H227) Acute Tox. 5 (H303) Skin Irrit. 2 (H315) Eye Irrit. 2A (H319) Aquatic Acute 3 (H402)
Propanol, oxybis-	246-770-3	25265-71-8	>=3 <5%	Not Classified
Linalyl acetate	204-116-4	115-95-7	>=3 <5%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317)
Hydroxycitronellal	203-518-7	107-75-5	>=0.1 <1%	Skin Sens. 1B (H317) Eye Irrit. 2A (H319) Aquatic Acute 3 (H402)
alpha-Pinenes	201-291-9	80-56-8	>=0.1 <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)
Benzoic acid, 2,4-dihydroxy-3,6-dimethyl-, methyl ester	225-193-0	4707-47-5	>=0.1 <1%	Skin Sens. 1B (H317)
Benzene, 1-methyl-4-(1-methylethyl)-	202-796-7	99-87-6	>=0.1 <1%	Not classified
Acetic acid, phenylmethyl ester	205-399-7	140-11-4	>=0.1 <1%	Aquatic Chronic 3 (H412)
Lylal	250-863-4	31906-04-4	>=0.1 <1%	Skin Sens. 1A (H317)
2,4-Dimethyl-3-cyclohexene carboxaldehyde	268-264-1	68039-49-6	>=0.1 <1%	Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Eye Irrit. 2 (H319) Aquatic Chronic 2 (H411)
Coumarin	202-086-7	91-64-5	>=0.1 <1%	Acute Tox. 4 (H302) Skin Sens. 1B (H317)
1H-3a,7-Methanoazulen-6-ol, octahydro-3,6,8,8-tetramethyl-	201-036-1	77-54-3	>=0.1 <1%	Skin Sens. 1B (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)

I-, 6-acetate, (3R,3aS,6R,7R,8aS)- Linalool	201-134-4	78-70-6	>=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)
Cyclohexene, 1-methyl-4-(1-methylethylidene)-	209-578-0	586-62-9	>=0.01 <0.1%	Flam. Liq. 4 (H227) Acute Tox. 5 (H303) Asp. Tox. 1 (H304) Skin Irrit. 3 (H316) Skin Sens. 1B (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-	201-234-8	79-92-5	>=0.01 <0.1%	Flam. Sol. 2 (H228) Eye Irrit. 2 (H319) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl-	200-945-0	76-22-2	>=0.01 <0.1%	Flam. Sol. 2 (H228) Acute Tox. 4 (H302) Acute Tox. 4 (H332) STOT SE 2 (H371) Aquatic Acute 3 (H402)
Citral	226-394-6	5392-40-5	>=0.01 <0.1%	Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Eye Irrit. 2 (H319)
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)
1,3,6-Octatriene, 3,7-dimethyl-	237-641-2	13877-91-3	>=0.01 <0.1%	Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)

**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

**Note to physicians**

May cause sensitization of susceptible persons.

**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
Pentanedioic acid, 1,5-dimethyl ester 1119-40-0						TWA: 1.2 ppm TWA: 8 mg/m³
Hexanedioic acid, 1,6-dimethyl ester 627-93-0						TWA: 1.2 ppm TWA: 8 mg/m³
Propanol, oxybis- 25265-71-8						TWA: 100 mg/m³ Ceiling / Peak: 200 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, phenylmethyl ester 140-11-4					TWA: 10 ppm TWA: 62 mg/m³	
Cyclohexene, 1-methyl-4-(1-methylethylidene)- 586-62-9				TWA: 1000 mg/m³ STEL: 1500 mg/m³		
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene- 79-92-5				TWA: 1000 mg/m³ STEL: 1500 mg/m³		
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl- 76-22-2			STEL: 3 ppm STEL: 19 mg/m³ TWA: 2 ppm TWA: 13 mg/m³	TWA: 2 ppm TWA: 12 mg/m³	STEL: 3 ppm STEL: 19 mg/m³ TWA: 2 ppm TWA: 13 mg/m³	
2,6-Octadienal, 3,7-dimethyl- 5392-40-5					S* TWA: 5 ppm	
1,4-Cyclohexadiene, 1-methyl-4-(1-methylethyl)- 99-85-4				TWA: 1000 mg/m³ STEL: 1500 mg/m³		
1,3,6-Octatriene, 3,7-dimethyl- 13877-91-3				TWA: 1000 mg/m³ STEL: 1500 mg/m³		
Chemical Name	Italy		Portugal	Netherlands	Finland	Denmark
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, phenylmethyl ester 140-11-4			TWA: 10 ppm			TWA: 10 ppm TWA: 61 mg/m³
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl- 76-22-2			STEL: 3 ppm TWA: 2 ppm		TWA: 0.3 ppm TWA: 1.9 mg/m³ STEL: 0.9 ppm STEL: 5.7 mg/m³	TWA: 2 ppm TWA: 12 mg/m³
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland	Czech Republic
Propanol, oxybis- 25265-71-8		STEL: 280 mg/m³ TWA: 140 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		
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl- 76-22-2	TWA: 2 ppm TWA: 13 mg/m³	TWA: 2 ppm TWA: 13 mg/m³	STEL: 18 mg/m³ TWA: 12 mg/m³	TWA: 2 ppm TWA: 12 mg/m³ STEL: 4 ppm	TWA: 2 ppm TWA: 12 mg/m³ STEL: 3 ppm	

				STEL: 18 mg/m <sup>3</sup>	STEL: 18 mg/m <sup>3</sup>	
2,6-Octadienal, 3,7-dimethyl- 5392-40-5			STEL: 54 mg/m <sup>3</sup> TWA: 27 mg/m <sup>3</sup>			

**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>	Oil	<b>Odor threshold</b>	No information available
<b>Color</b>	No information available		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH		Not Applicable
Melting point/freezing point		No information available
Boiling point / boiling range		No information available
Flash point	>= 100 °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	No information available	No information available
@20°C (kPa)		
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

<b>Softening point</b>	No information available
<b>Molecular weight</b>	Not Applicable
VOC Content (%)	2.6
<b>Density</b>	No information available
<b>Bulk density</b>	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** 96.42% 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) 17,048.00 mg/kg  
ATEmix (dermal) 59,312.00 mg/kg mg/l

### **Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Acetic acid, phenylmethyl ester	= 2490 mg/kg ( Rat )	> 5 g/kg ( Rabbit ) > 5000 mg/kg ( Rabbit )	
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-	= 3700 mg/kg ( Rat )	> 5000 mg/kg ( Rat )	
2,6-Octadienal, 3,7-dimethyl-	= 4960 mg/kg ( Rat )	= 2250 mg/kg ( Rabbit )	

**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.

**Aspiration hazard** No information available.

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

8.95% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Pentanedioic acid, 1,5-dimethyl ester		19.6 - 26.2: 96 h Pimephales promelas mg/L LC50 static	122.1 - 163.5: 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
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
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-	1000: 72 h Desmodesmus subspicatus mg/L EC50	0.72: 96 h Brachydanio rerio mg/L LC50 flow-through 150: 96 h Brachydanio rerio mg/L LC50 static	22: 48 h Daphnia magna mg/L EC50
2,6-Octadienal, 3,7-dimethyl-	19: 96 h Desmodesmus subspicatus mg/L EC50 16: 72 h Desmodesmus subspicatus mg/L EC50	4.6 - 10: 96 h Leuciscus idus mg/L LC50 static	7: 48 h Daphnia magna mg/L EC50

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

No information available.

Chemical Name	Partition coefficient
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-	4.1
Benzene, 1-methyl-4-(1-methylethyl)-	4.1
Acetic acid, phenylmethyl ester	1.96
1,6-Octadien-3-ol, 3,7-dimethyl-	2.84 - 3.1
2,6-Octadienal, 3,7-dimethyl-	2.76

### 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** Disposal should be in accordance with applicable regional, national and local laws and



<b>Products</b>	regulations.
<b>Contaminated packaging</b>	Improper disposal or reuse of this container may be dangerous and illegal.
<b>Other Information</b>	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
Pentanedioic acid, 1,5-dimethyl ester 1119-40-0	RG 84	
Hexanedioic acid, 1,6-dimethyl ester 627-93-0	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/NDL</b>	Complies
<b>EINECS/ELINCS</b>	Complies

### Legend:

**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

**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

H318 - Causes serious eye damage

H319 - Causes serious eye irritation

H402 - Harmful to aquatic life

H412 - Harmful to aquatic life with long lasting effects  
H226 - Flammable liquid and vapor  
H304 - May be fatal if swallowed and enters airways  
H400 - Very toxic to aquatic life  
H411 - Toxic to aquatic life with long lasting effects  
H227 - Combustible liquid  
H303 - May be harmful if swallowed  
H316 - Causes mild skin irritation  
H410 - Very toxic to aquatic life with long lasting effects  
H228 - Flammable solid  
H302 - Harmful if swallowed  
H332 - Harmful if inhaled  
H371 - May cause damage to organs if inhaled

**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** 15-Jun-2020

**Revision Date** 15-Jun-2020

**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**