

Version #: 02

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Trade name or designation of the mixture** Yankee Candle EHF Bayside Cedar - 1633216E

**Registration number** -

**Synonyms** None.

**Product code** 1633216E

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

**Identified uses** General Public Use

**Uses advised against** None known.

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

#### Supplier

**Company name** Yankee Candle s.r.o.

**Address** Prumyslová zóna Joseph  
Havran u Mostu  
435 01, Czech Republic

**Division**

**Telephone**

**e-mail** nhfregulatory@newellco.com

**Contact person** Not available.

### 1.4. Emergency telephone number

#### 1.4. Emergency telephone number

**Newell - Republic of Ireland (Emergency Health Response)** 1800 812 073

**General in EU** 112 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

**National Poison Control Centre** 01 809 2166 General public, 8am - 10pm, 7 days a week

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

#### Classification according to Regulation (EC) No 1272/2008 as amended

##### Health hazards

Skin sensitisation Category 1

H317 - May cause an allergic skin reaction.

##### Environmental hazards

Hazardous to the aquatic environment, long-term aquatic hazard Category 2

H411 - Toxic to aquatic life with long lasting effects.

### 2.2. Label elements

#### Label according to Regulation (EC) No. 1272/2008 as amended

**UFI:** UR2Y-J2GN-5U0Q-7EUD

**Contains:** Acetic acid, anhydride, reaction products with 1,5,10-trimethyl-1,5,9-cyclododecatriene, Acetylcedrene, Alpha-isomethyl ionone, Balsams, peru, Benzoic acid, 2,4-dihydroxy-3,6-dimethyl-, methyl ester, Benzyl salicylate, beta-Pinene, Carbonic acid, (3Z)-3-hexen-1-yl methyl ester, Coumarin, Dihydro pentamethylindanone, d-Limonene, g-Methoxycedrane, Hexyl Cinnamal, Isocyclemone E, Linalool, Linalyl acetate, Methylenedioxyphenyl methylpropanal, Neryl acetate, Oils, geranium, Oils, labdanum, Oils, patchouli, Oils, sage, Terpenes and terpenoids, lemon-oil, Terpenes, orange oil

**Hazard pictograms**



**Signal word** Warning

**Hazard statements**

H317 May cause an allergic skin reaction.  
H411 Toxic to aquatic life with long lasting effects.

**Precautionary statements**

**Prevention**

P102 Keep out of reach of children.

**Response**

P302 + P352 IF ON SKIN: Wash with plenty of water.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

**Storage**

Not applicable.

**Disposal**

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Supplemental label information** None.

**2.3. Other hazards**

This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII. The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. The mixture does not contain any substances included in the list established in accordance with REACH Article 59(1) for having endocrine disrupting properties at a concentration equal to or greater than 0.1% by weight.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

**General information**

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Linalool	5 - 10	78-70-6 201-134-4	01-2119474016-42	603-235-00-2	
<b>Classification:</b> Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1B;H317					
Propanol, 1(or 2)-(2-methoxymethylethoxy)-	5 - 10	34590-94-8 252-104-2	-	-	#
<b>Classification:</b> -					
Galaxolide	3 - 5	1222-05-5 214-946-9	01-2119488227-29	603-212-00-7	
<b>Classification:</b> Aquatic Acute 1;H400, Aquatic Chronic 1;H410					
Hexyl Cinnamal	3 - 5	101-86-0 202-983-3	01-2119533092-50	-	
<b>Classification:</b> Skin Sens. 1B;H317, Aquatic Acute 1;H400(M=1), Aquatic Chronic 2;H411					
benzyl benzoate	1 - 3	120-51-4 204-402-9	01-2119976371-33	607-085-00-9	
<b>Classification:</b> Acute Tox. 4;H302;(ATE: 500 mg/kg bw), Aquatic Acute 1;H400, Aquatic Chronic 2;H411					
Carbonic acid, (3Z)-3-hexen-1-yl methyl ester	1 - 3	67633-96-9 266-797-4	-	-	
<b>Classification:</b> Skin Sens. 1B;H317					
Coumarin	1 - 3	91-64-5 202-086-7	01-2119949300-45	-	
<b>Classification:</b> Acute Tox. 4;H302;(ATE: 500 mg/kg bw), Skin Sens. 1B;H317					

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Cyclohexanol, 2-(1,1-dimethylethyl)-, 1-acetate	1 - 3	88-41-5 201-828-7	-	-	
<b>Classification:</b> Aquatic Chronic 2;H411					
Isocyclemone E	1 - 3	54464-57-2 259-174-3	-	-	
<b>Classification:</b> Skin Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Chronic 1;H410					
Linalyl acetate	1 - 3	115-95-7 204-116-4	-	-	
<b>Classification:</b> Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1B;H317					
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-	1 - 3	128-37-0 204-881-4	-	-	
<b>Classification:</b> Aquatic Acute 1;H400(M=1), Aquatic Chronic 1;H410(M=1)					
Terpenes and terpenoids, lemon-oil	1 - 3	68917-33-9 614-796-8	-	-	
<b>Classification:</b> Flam. Liq. 3;H226, Skin Irrit. 2;H315, Skin Sens. 1;H317, Repr. 2;H361, Asp. Tox. 1;H304, Aquatic Chronic 2;H411					
1,4-Dioxacyclohexadecane-5,16-dione	≤ 1	54982-83-1 259-423-6	-	-	
<b>Classification:</b> Aquatic Acute 1;H400(M=1), Aquatic Chronic 3;H412					
2,4-Decadienoic acid, ethyl ester, (2E,4Z)-	≤ 1	3025-30-7 221-178-8	-	-	
<b>Classification:</b> Skin Irrit. 2;H315, Aquatic Acute 1;H400, Aquatic Chronic 2;H411					
3-Cyclohexene-1-carboxaldehyde, 1-methyl-4-(4-methyl-3-penten-1-yl)-	≤ 1	52475-86-2 257-942-2	-	-	
<b>Classification:</b> Aquatic Acute 1;H400(M=1), Aquatic Chronic 1;H410(M=1)					
Acetylcedrene	≤ 1	32388-55-9 251-020-3	-	-	
<b>Classification:</b> Skin Sens. 1B;H317, Aquatic Acute 1;H400(M=1), Aquatic Chronic 1;H410(M=1)					
Balsams, peru	≤ 1	8007-00-9 232-352-8	-	-	
<b>Classification:</b> Eye Dam. 1;H318, Skin Sens. 1;H317, STOT RE 2;H373, Aquatic Acute 1;H400, Aquatic Chronic 2;H411					
d-Limonene	≤ 1	5989-27-5 227-813-5	-	601-096-00-2	
<b>Classification:</b> Flam. Liq. 3;H226, Skin Irrit. 2;H315, Skin Sens. 1B;H317, Asp. Tox. 1;H304, Aquatic Acute 1;H400(M=1), Aquatic Chronic 3;H412					
Methyl non-2-enoate	≤ 1	111-79-5 203-908-7	-	-	
<b>Classification:</b> Aquatic Acute 1;H400(M=1), Aquatic Chronic 2;H411					
Methylenedioxyphenyl methylpropanal	≤ 1	1205-17-0 214-881-6	-	-	
<b>Classification:</b> Skin Sens. 1B;H317, Repr. 2;H361, Aquatic Chronic 2;H411					
Oxacyclohexadec-12-en-2-one, (12E)-	≤ 1	111879-80-2 422-320-3	-	-	
<b>Classification:</b> Aquatic Acute 1;H400(M=1), Aquatic Chronic 2;H411					
Terpenes, orange oil	≤ 1	68647-72-3 614-678-6	01-2119493353-35	-	
<b>Classification:</b> Flam. Liq. 3;H226, Skin Irrit. 2;H315, Skin Sens. 1;H317, Asp. Tox. 1;H304, Aquatic Chronic 2;H411					
Alpha-isomethyl ionone	≤ 0.3	127-51-5 204-846-3	-	-	
<b>Classification:</b> Skin Sens. 1B;H317, Aquatic Chronic 2;H411					
Benzyl salicylate	≤ 0.3	118-58-1 204-262-9	01-2119969442-31	607-754-00-5	
<b>Classification:</b> Eye Irrit. 2;H319, Skin Sens. 1B;H317, Aquatic Chronic 3;H412					

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
beta-Pinene	≤ 0.3	127-91-3 204-872-5	-	-	<b>Classification:</b> Flam. Liq. 3;H226, Skin Irrit. 2;H315, Skin Sens. 1B;H317, Asp. Tox. 1;H304, Aquatic Acute 1;H400(M=1), Aquatic Chronic 1;H410(M=1)
Dihydro pentamethylindanone	≤ 0.3	33704-61-9 251-649-3	-	-	<b>Classification:</b> Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1B;H317, Aquatic Chronic 2;H411
1,4-Cyclohexadiene, 1-methyl-4-(1-methylethyl)-	≤ 0.2	99-85-4 202-794-6	-	-	<b>Classification:</b> Flam. Liq. 3;H226, Repr. 2;H361, Asp. Tox. 1;H304, Aquatic Chronic 2;H411
Acetic acid, anhydride, reaction products with 1,5,10-trimethyl-1,5,9-cyclododecatrine	≤ 0.2	144020-22-4 482-330-9	-	-	<b>Classification:</b> Skin Sens. 1B;H317, Aquatic Acute 1;H400(M=1), Aquatic Chronic 1;H410(M=1)
Benzoic acid, 2,4-dihydroxy-3,6-dimethyl-, methyl ester	≤ 0.2	4707-47-5 225-193-0	-	-	<b>Classification:</b> Skin Sens. 1B;H317
Benzoic acid, 2-hydroxy-, (3Z)-3-hexen-1-yl ester	≤ 0.2	65405-77-8 265-745-8	-	-	<b>Classification:</b> Aquatic Acute 1;H400(M=1), Aquatic Chronic 2;H411
g-Methoxycedrane	≤ 0.2	19870-74-7 243-384-7	-	-	<b>Classification:</b> Skin Sens. 1B;H317, Aquatic Acute 1;H400(M=1), Aquatic Chronic 1;H410
Neryl acetate	≤ 0.2	141-12-8 205-459-2	-	-	<b>Classification:</b> Skin Sens. 1B;H317, Aquatic Chronic 3;H412
Oils, geranium	≤ 0.2	8000-46-2 616-774-3	-	-	<b>Classification:</b> Skin Irrit. 2;H315, Eye Dam. 1;H318, Skin Sens. 1;H317, Aquatic Chronic 2;H411
Oils, labdanum	≤ 0.2	8016-26-0 639-656-3	-	-	<b>Classification:</b> Flam. Liq. 3;H226, Skin Irrit. 2;H315, Skin Sens. 1;H317, Asp. Tox. 1;H304, Aquatic Chronic 2;H411
Oils, patchouli	≤ 0.2	8014-09-3 616-944-7	-	-	<b>Classification:</b> Skin Sens. 1B;H317, Asp. Tox. 1;H304, Aquatic Chronic 2;H411
Oils, sage	≤ 0.2	8022-56-8 617-012-2	-	-	<b>Classification:</b> Flam. Liq. 3;H226, Skin Irrit. 2;H315, Eye Dam. 1;H318, Skin Sens. 1;H317, STOT SE 2;H371, Asp. Tox. 1;H304, Aquatic Chronic 2;H411
Methyl 2-nonynoate	≤ 0.1	111-80-8 203-909-2	-	-	<b>Classification:</b> Acute Tox. 4;H302;(ATE: 500 mg/kg bw), Skin Irrit. 2;H315, Skin Sens. 1A;H317, Aquatic Acute 1;H400(M=1), Aquatic Chronic 3;H412
Other components below reportable levels	56.19				

#### List of abbreviations and symbols that may be used above

ATE: Acute toxicity estimate.

M: M-factor

vPvB: very persistent and very bioaccumulative substance.

PBT: persistent, bioaccumulative and toxic substance.

#: This substance has been assigned Union workplace exposure limit(s).

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Composition comments** The full text for all H-statements is displayed in section 16.

## SECTION 4: First aid measures

**General information** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

### 4.1. Description of first aid measures

**Inhalation** Move to fresh air. Call a physician if symptoms develop or persist.

**Skin contact** Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

**Eye contact** Rinse with water. Get medical attention if irritation develops and persists.

**Ingestion** Rinse mouth. Get medical attention if symptoms occur.

**4.2. Most important symptoms and effects, both acute and delayed** May cause an allergic skin reaction. Dermatitis. Rash.

**4.3. Indication of any immediate medical attention and special treatment needed** Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

## SECTION 5: Firefighting measures

**General fire hazards** No unusual fire or explosion hazards noted.

### 5.1. Extinguishing media

**Suitable extinguishing media** Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

**5.2. Special hazards arising from the substance or mixture** During fire, gases hazardous to health may be formed.

### 5.3. Advice for firefighters

**Special protective equipment for firefighters** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Special fire fighting procedures** Move containers from fire area if you can do so without risk.

**Specific methods** Use standard firefighting procedures and consider the hazards of other involved materials.

## SECTION 6: Accidental release measures

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

**For non-emergency personnel** Avoid breathing mist/vapours. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

**For emergency responders** Keep unnecessary personnel away. Ensure adequate ventilation. Avoid breathing mist/vapours. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**6.2. Environmental precautions** Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

**6.3. Methods and material for containment and cleaning up** Prevent entry into waterways, sewer, basements or confined areas.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use.

**6.4. Reference to other sections** For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling** Avoid breathing mist/vapours. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

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

Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

ANNEX 1, PART 1 Categories of dangerous substances

Hazard categories in accordance with Regulation (EC) No 1272/2008

- E2 Hazardous to the Aquatic Environment Chronic (Lower-tier requirements = 200 tonnes; Upper-tier requirements = 500 tonnes)

## 7.3. Specific end use(s)

Observe industrial sector guidance on best practices.

# SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

### Occupational exposure limits

#### Ireland. OELVs, Schedules 1 & 2, Code of Practice for Chemical Agents and Carcinogens Regulations

Components	Type	Value
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (CAS 128-37-0)	TWA	2 mg/m3
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	308 mg/m3
		50 ppm

#### EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	308 mg/m3
		50 ppm

### Biological limit values

No biological exposure limits noted for the ingredient(s).

### Recommended monitoring procedures

Follow standard monitoring procedures.

### Derived no effect levels (DNELs)

Not available.

### Predicted no effect concentrations (PNECs)

Not available.

### Exposure guidelines

#### Ireland Exposure Limit Values: Skin designation

Propanol, 1(or 2)-(2-methoxymethylethoxy)-  
(CAS 34590-94-8)

Can be absorbed through the skin.

## 8.2. Exposure controls

### Appropriate engineering controls

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

### Individual protection measures, such as personal protective equipment

#### General information

Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

#### Eye/face protection

Wear safety glasses with side shields (or goggles). Face shield is recommended.

#### Skin protection

##### - Hand protection

Wear appropriate chemical resistant gloves.

##### - Other

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

#### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

#### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

### Hygiene measures

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

### Environmental exposure controls

Inform appropriate managerial or supervisory personnel of all environmental releases. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels.

## SECTION 9: Physical and chemical properties

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

Physical state	Liquid.
Form	Liquid.
Colour	Not available.
Odour	Not available.
Melting point/freezing point	-80 °C (-112 °F) estimated
Boiling point or initial boiling point and boiling range	190 °C (374 °F) estimated
Flammability	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
Explosive limit - lower ( %)	Not available.
Explosive limit – upper (%)	Not available.
Flash point	86.1 °C (186.98 °F) estimated
Auto-ignition temperature	235 °C (455 °F) estimated
Decomposition temperature	Not available.
pH	Not available.
Kinematic viscosity	Not available.
<b>Solubility</b>	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water) (log value)	Not available.
Vapour pressure	0.228595 hPa estimated
<b>Density and/or relative density</b>	
Density	0.962 g/cm3 estimated
Vapour density	Not available.
Particle characteristics	Not available.

### 9.2. Other information

**9.2.1. Information with regard to physical hazard classes** No relevant additional information available.

### 9.2.2. Other safety characteristics

Percent volatile	2.69 % estimated
Specific gravity	0.962 estimated
VOC	2.69 % estimated

## SECTION 10: Stability and reactivity

<b>10.1. Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>10.2. Chemical stability</b>	Material is stable under normal conditions.
<b>10.3. Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>10.4. Conditions to avoid</b>	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>10.5. Incompatible materials</b>	Strong oxidising agents.
<b>10.6. Hazardous decomposition products</b>	No hazardous decomposition products are known.

## SECTION 11: Toxicological information

**General information** Occupational exposure to the substance or mixture may cause adverse effects.

### Information on likely routes of exposure

<b>Inhalation</b>	Prolonged inhalation may be harmful.
<b>Skin contact</b>	May cause an allergic skin reaction.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.
<b>Ingestion</b>	May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.

**Symptoms** May cause an allergic skin reaction. Dermatitis. Rash.

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

<b>Acute toxicity</b>	Not known.
<b>Skin corrosion/irritation</b>	Due to partial or complete lack of data the classification is not possible.
<b>Serious eye damage/eye irritation</b>	Due to partial or complete lack of data the classification is not possible.
<b>Respiratory sensitisation</b>	Due to partial or complete lack of data the classification is not possible.
<b>Skin sensitisation</b>	May cause an allergic skin reaction.
<b>Germ cell mutagenicity</b>	Due to partial or complete lack of data the classification is not possible.
<b>Carcinogenicity</b>	Due to partial or complete lack of data the classification is not possible.

#### IARC Monographs. Overall Evaluation of Carcinogenicity

Coumarin (CAS 91-64-5)	3 Not classifiable as to carcinogenicity to humans.
d-Limonene (CAS 5989-27-5)	3 Not classifiable as to carcinogenicity to humans.
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (CAS 128-37-0)	3 Not classifiable as to carcinogenicity to humans.

<b>Reproductive toxicity</b>	Due to partial or complete lack of data the classification is not possible.
<b>Specific target organ toxicity - single exposure</b>	Due to partial or complete lack of data the classification is not possible.
<b>Specific target organ toxicity - repeated exposure</b>	Due to partial or complete lack of data the classification is not possible.
<b>Aspiration hazard</b>	Due to partial or complete lack of data the classification is not possible.
<b>Mixture versus substance information</b>	No information available.

#### 11.2. Information on other hazards

<b>Endocrine disrupting properties</b>	The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. This mixture does not contain any substances having endocrine disrupting properties with respect to human health as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight.
<b>Other information</b>	Not available.

## SECTION 12: Ecological information

<b>12.1. Toxicity</b>	Toxic to aquatic life with long lasting effects. Based on available data, the classification criteria are not met for hazardous to the aquatic environment, acute hazard.
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Components	Species		Test Results
Coumarin (CAS 91-64-5)			
Aquatic			
Acute			
Fish	LC50	Guppy (Poecilia reticulata)	32 - 100 mg/l, 96 hours
d-Limonene (CAS 5989-27-5)			
Aquatic			
Acute			
Crustacea	EC50	Water flea (Daphnia pulex)	69.6 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	0.619 - 0.796 mg/l, 96 hours
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (CAS 128-37-0)			
Aquatic			
Acute			
Crustacea	EC50	Water flea (Daphnia pulex)	1.44 mg/l, 48 hours

<b>12.2. Persistence and degradability</b>	No data is available on the degradability of any ingredients in the mixture.
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#### 12.3. Bioaccumulative potential

##### Partition coefficient n-octanol/water (log Kow)

1,4-Cyclohexadiene, 1-methyl-4-(1-methylethyl)-	5.4
1,4-Dioxacyclohexadecane-5,16-dione	3.65
3-Cyclohexene-1-carboxaldehyde,	4.013
1-methyl-4-(4-methyl-3-penten-1-yl)-	
Acetylcedrene	5.9
Alpha-isomethyl ionone	4.288
Benzoic acid, 2,4-dihydroxy-3,6-dimethyl-, methyl ester	2.6
Benzoic acid, 2-hydroxy-, (3Z)-3-hexen-1-yl ester	4.8
benzyl benzoate	3.97



Benzyl salicylate	4
beta-Pinene	4.16
Carbonic acid, (3Z)-3-hexen-1-yl methyl ester	3
Coumarin	1.39
Cyclohexanol, 2-(1,1-dimethylethyl)-, 1-acetate	4.23
Dihydro pentamethylindanone	4.2
d-Limonene	4.57
Galaxolide	5.3
Hexyl Cinnamal	4.686
Linalool	2.97
Linalyl acetate	3.9
	3.93
Methyl 2-nonynoate	3.4
Methylenedioxyphenyl methylpropanal	2.4
Neryl acetate	3.98
Oils, geranium	3.5
Oils, labdanum	4.7
Oxacyclohexadec-12-en-2-one, (12E)-	5.45
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-	5.1
	5.2

**Bioconcentration factor (BCF)** Not available.

**12.4. Mobility in soil** No data available.

**12.5. Results of PBT and vPvB assessment** This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII.

**12.6. Endocrine disrupting properties** The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. This mixture does not contain any substances having endocrine disrupting properties with respect to the environment as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight.

**12.7. Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

<b>Residual waste</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.
<b>EU waste code</b>	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Disposal methods/information</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Special precautions</b>	Dispose in accordance with all applicable regulations.

## SECTION 14: Transport information

### ADR

<b>14.1. UN number</b>	UN3082
<b>14.2. UN proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexyl Cinnamal, Galaxolide)
<b>14.3. Transport hazard class(es)</b>	
Class	9
Subsidiary hazard	-
Label(s)	9
Hazard No. (ADR)	90
Tunnel restriction code	-
<b>14.4. Packing group</b>	III
<b>14.5. Environmental hazards</b>	Yes
<b>14.6. Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

### RID

<b>14.1. UN number</b>	UN3082
------------------------	--------

**14.2. UN proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexyl Cinnamal, Galaxolide)

**14.3. Transport hazard class(es)**

Class 9

Subsidiary hazard -

Label(s) 9

**14.4. Packing group** III

**14.5. Environmental hazards** Yes

**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

#### ADN

**14.1. UN number** UN3082

**14.2. UN proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexyl Cinnamal, Galaxolide)

**14.3. Transport hazard class(es)**

Class 9

Subsidiary hazard -

Label(s) 9

**14.4. Packing group** III

**14.5. Environmental hazards** Yes

**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

#### IATA

**14.1. UN number** UN3082

**14.2. UN proper shipping name** Environmentally hazardous substance, liquid, n.o.s. (Hexyl cinnamal, Galaxolide)

**14.3. Transport hazard class(es)**

Class 9

Subsidiary hazard -

**14.4. Packing group** III

**14.5. Environmental hazards** Yes

**ERG Code** 9L

**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**Other information**

**Passenger and cargo aircraft** Allowed with restrictions.

**Cargo aircraft only** Allowed with restrictions.

#### IMDG

**14.1. UN number** UN3082

**14.2. UN proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexyl cinnamal, Galaxolide), MARINE POLLUTANT

**14.3. Transport hazard class(es)**

Class 9

Subsidiary hazard -

**14.4. Packing group** III

**14.5. Environmental hazards**

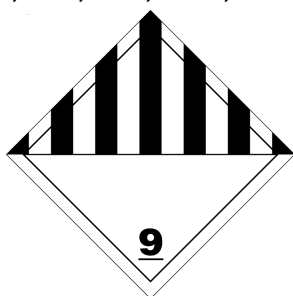
Marine pollutant Yes

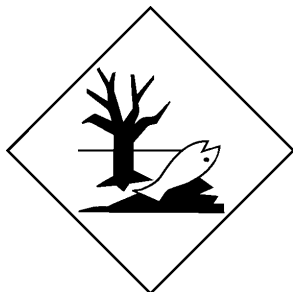
**EmS** F-A, S-F

**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**14.7. Maritime transport in bulk according to IMO instruments** Not established.

ADN; ADR; IATA; IMDG; RID





## General information

IMDG Regulated Marine Pollutant.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended**

Not listed.

**Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended**

Not listed.

**Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended**

Not listed.

**Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA**

Not listed.

**UFI:**

UR2Y-J2GN-5U0Q-7EUD

**Authorisations****Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended**

Not listed.

**Restrictions on use****Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use, as amended****- Conditions of restriction given for the associated entry number should be considered**

Balsams, peru (CAS 8007-00-9) 75

benzyl benzoate (CAS 120-51-4) 3

Galaxolide (CAS 1222-05-5) 3

**Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.**

Not listed.

**Regulation 2019/1148 on Marketing and Use of Explosive Precursors, Annex I, as amended**

Not listed.

**Regulation 2019/1148 on Marketing and Use of Explosive Precursors, Annex II, as amended**

Not listed.

**Other EU regulations**

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

ANNEX 1, PART 1 Categories of dangerous substances

Hazard categories in accordance with Regulation (EC) No 1272/2008

- E2 Hazardous to the Aquatic Environment Chronic

**Other regulations**

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

**National regulations**

Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work, as amended Use of this product by young persons under the age of 18 is not allowed in accordance with the Management of Health and Safety at Work Regulations 1999 [SI 1999/3242], as amended. Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended.

**15.2. Chemical safety assessment**

No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

### List of abbreviations

ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways.  
ADR: Agreement concerning the International Carriage of Dangerous Goods by Road.  
CAS: Chemical Abstract Service.  
CEN: European Committee for Standardization.  
IATA: International Air Transport Association.  
IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.  
IMDG: International Maritime Dangerous Goods.  
MARPOL: International Convention for the Prevention of Pollution from Ships.  
PBT: Persistent, bioaccumulative and toxic.  
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.  
STEL: Short term exposure limit.  
TWA: Time Weighted Average.  
vPvB: Very persistent and very bioaccumulative.

### References

Not available.

### Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

### Full text of any statements, which are not written out in full under sections 2 to 15

H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H361 Suspected of damaging fertility or the unborn child.  
H371 May cause damage to organs.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H400 Very toxic to aquatic life.  
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.

### Revision information

SECTION 2: Hazards identification: Prevention  
SECTION 2: Hazards identification: Response  
SECTION 2: Hazards identification: 2.3. Other hazards  
SECTION 6: Accidental release measures: 6.3. Methods and material for containment and cleaning up  
SECTION 7: Handling and storage: 7.2. Conditions for safe storage, including any incompatibilities  
SECTION 7: Handling and storage: 7.3. Specific end use(s)  
SECTION 11: Toxicological information: Endocrine disrupting properties  
SECTION 12: Ecological information: 12.6. Endocrine disrupting properties  
SECTION 15: Regulatory information: National regulations  
SECTION 15: Regulatory information: Other EU regulations  
SECTION 16: Other information: References  
SECTION 16: Other information: List of abbreviations

### Training information

Follow training instructions when handling this material.

### Disclaimer

Yankee Candle s.r.o. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.