

Version #: 01

Issue date: 11-May-2023

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 SCENT PLUG REFILL LEMON LAVENDER 1629320E

Registration number -

Synonyms None.

Product code 1629320E

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

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

Physical hazards

Flammable liquids	Category 3	H226 - Flammable liquid and vapour.
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Health hazards

Skin corrosion/irritation	Category 2	H315 - Causes skin irritation.
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Serious eye damage/eye irritation	Category 1	H318 - Causes serious eye damage.
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Skin sensitisation	Category 1	H317 - May cause an allergic skin reaction.
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Environmental hazards

Hazardous to the aquatic environment, long-term aquatic hazard	Category 3	H412 - Harmful to aquatic life with long lasting effects.
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2.2. Label elements

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

UFI: 10JT-F06J-X86W-2HMR

Contains: 2,4-Dimethyl-3-cyclohexene carboxaldehyde, Allyl cyclohexanepropionate, Benzoic acid, 2-hydroxy-, hexyl ester, beta-Caryophyllene, beta-Pinene, Citral, Citronellol, Coumarin, Cyclohexene, 1-methyl-4-(1-methylethylidene)-, Dimethyltetrahydro benzaldehyde, d-Limonene, Eucalyptol, Eugenol, Geranyl acetate, Limonene, Linalool, Linalyl acetate, Methyl cinnamate, Neryl acetate, Oils, eucalyptus, Oils, lavandin, Oils, pine, Terpenes and terpenoids, lemon-oil

Hazard pictograms



Signal word Danger

Hazard statements

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

Prevention

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P102	Keep out of reach of children.

Response

P302 + P350	If on skin: Wash with plenty of water/.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.

Storage Not applicable.

Disposal

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Eucalyptol	5 - 10	470-82-6 207-431-5	-	-	
Classification: Flam. Liq. 3;H226, Eye Irrit. 2;H319, Skin Sens. 1B;H317					
Linalyl acetate	5 - 10	115-95-7 204-116-4	-	-	
Classification: Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1B;H317					
2,6-Dimethyl-7-octen-2-ol	3 - 5	18479-58-8 242-362-4	-	-	
Classification: Skin Irrit. 2;H315, Eye Irrit. 2;H319					
Oils, lavandin	3 - 5	8022-15-9 617-009-6	-	-	
Classification: Eye Dam. 1;H318, Skin Sens. 1B;H317, Asp. Tox. 1;H304, Aquatic Chronic 3;H412					
Citral	1 - 3	5392-40-5 226-394-6	-	605-019-00-3	
Classification: Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1;H317					
Coumarin	1 - 3	91-64-5 202-086-7	-	-	
Classification: Acute Tox. 4;H302;(ATE: 500 mg/kg bw), Skin Sens. 1B;H317					
Linalool	1 - 3	78-70-6 201-134-4	-	603-235-00-2	
Classification: Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1B;H317					

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Benzene, 1-methyl-4-(1-methylethyl)-	≤ 1	99-87-6 202-796-7	-	601-094-00-1	
Classification: Flam. Liq. 3;H226, Acute Tox. 3;H331;(ATE: 3 mg/l), Repr. 2;H361, Asp. Tox. 1;H304, Aquatic Chronic 2;H411					
Benzoic acid, 2-hydroxy-, hexyl ester	≤ 1	6259-76-3 228-408-6	-	-	
Classification: Skin Sens. 1B;H317, Aquatic Acute 1;H400, Aquatic Chronic 1;H410					
Citronellol	≤ 1	106-22-9 203-375-0	-	-	
Classification: Acute Tox. 4;H302;(ATE: 500 mg/kg bw), Skin Irrit. 2;H315, Eye Dam. 1;H318, Skin Sens. 1;H317, Asp. Tox. 1;H304, Aquatic Chronic 2;H411					
Geranyl acetate	≤ 1	105-87-3 203-341-5	-	-	
Classification: Acute Tox. 4;H302;(ATE: 500 mg/kg bw), Skin Irrit. 2;H315, Eye Dam. 1;H318, Skin Sens. 1;H317, Asp. Tox. 1;H304, Aquatic Acute 1;H400, Aquatic Chronic 2;H411					
Oils, pine	≤ 1	8002-09-3 692-006-0	-	-	
Classification: Flam. Liq. 3;H226, Eye Irrit. 2;H319, Skin Sens. 1B;H317, Asp. Tox. 1;H304, Aquatic Chronic 2;H411					
2,4-Dimethyl-3-cyclohexene carboxaldehyde	≤ 0.3	68039-49-6 268-264-1	-	-	
Classification: Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1B;H317, Aquatic Chronic 2;H411					
Dimethyltetrahydro benzaldehyde	≤ 0.3	68737-61-1 272-113-5	-	-	
Classification: Skin Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Chronic 2;H411					
Eugenol	≤ 0.3	97-53-0 202-589-1	-	-	
Classification: Eye Irrit. 2;H319, Skin Sens. 1;H317, Asp. Tox. 1;H304					
1,4-Cyclohexadiene, 1-methyl-4-(1-methylethyl)-	≤ 0.2	99-85-4 202-794-6	-	-	
Classification: Flam. Liq. 3;H226, Repr. 2;H361, Asp. Tox. 1;H304, Aquatic Chronic 2;H411					
Allyl cyclohexanepropionate	≤ 0.2	2705-87-5 220-292-5	-	-	
Classification: Acute Tox. 4;H302;(ATE: 500 mg/kg bw), Acute Tox. 4;H312;(ATE: 1100 mg/kg bw), Acute Tox. 4;H332;(ATE: 11 mg/l), Skin Sens. 1;H317, Aquatic Acute 1;H400, Aquatic Chronic 1;H410					
Benzene, 1,1'-oxybis-	≤ 0.2	101-84-8 202-981-2	-	-	#
Classification: Eye Irrit. 2;H319, Aquatic Acute 1;H400, Aquatic Chronic 3;H412					
beta-Caryophyllene	≤ 0.2	87-44-5 201-746-1	-	-	
Classification: Eye Irrit. 2;H319, Skin Sens. 1;H317, Asp. Tox. 1;H304, Aquatic Acute 1;H400, Aquatic Chronic 1;H410					
beta-Pinene	≤ 0.2	127-91-3 204-872-5	-	-	
Classification: Flam. Liq. 3;H226, Skin Irrit. 2;H315, Skin Sens. 1B;H317, Asp. Tox. 1;H304, Aquatic Acute 1;H400, Aquatic Chronic 1;H410					
Cyclohexene, 1-methyl-4-(1-methylethylidene)-	≤ 0.2	586-62-9 209-578-0	-	-	
Classification: Skin Sens. 1B;H317, Asp. Tox. 1;H304, Aquatic Acute 1;H400, Aquatic Chronic 1;H410					
d-Limonene	≤ 0.2	5989-27-5 227-813-5	-	601-096-00-2	
Classification: 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					

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Limonene	≤ 0.2	138-86-3 205-341-0	-	601-029-00-7	Classification: Flam. Liq. 3;H226, Skin Irrit. 2;H315, Skin Sens. 1;H317, Asp. Tox. 1;H304, Aquatic Acute 1;H400, Aquatic Chronic 1;H410
Methyl cinnamate	≤ 0.2	103-26-4 203-093-8	-	-	Classification: Skin Sens. 1B;H317
Neryl acetate	≤ 0.2	141-12-8 205-459-2	-	-	Classification: Skin Sens. 1B;H317, Aquatic Chronic 3;H412
Ocimene	≤ 0.2	13877-91-3 237-641-2	-	-	Classification: Flam. Liq. 3;H226, Skin Irrit. 2;H315, Asp. Tox. 1;H304, Aquatic Acute 1;H400, Aquatic Chronic 2;H411
Oils, eucalyptus	≤ 0.2	8000-48-4 616-775-9	-	-	Classification: Flam. Liq. 3;H226, Skin Irrit. 2;H315, Skin Sens. 1;H317, Repr. 2;H361, Asp. Tox. 1;H304, Aquatic Acute 1;H400, Aquatic Chronic 2;H411
Terpenes and terpenoids, lemon-oil	≤ 0.2	68917-33-9 614-796-8	-	-	Classification: Flam. Liq. 3;H226, Skin Irrit. 2;H315, Skin Sens. 1;H317, Repr. 2;H361, Asp. Tox. 1;H304, Aquatic Chronic 2;H411
Other components below reportable levels	65.98				

List of abbreviations and symbols that may be used above

ATE: Acute toxicity estimate.

M: M-factor

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume. #: This substance has been assigned Union workplace exposure limit(s).

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

SECTION 4: First aid measures

General information Take off all contaminated clothing immediately. 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. Wash contaminated clothing before reuse.

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

Ingestion Rinse mouth. Get medical attention if symptoms occur.

4.2. Most important symptoms and effects, both acute and delayed Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Skin irritation. May cause redness and pain. 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. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.

SECTION 5: Firefighting measures

General fire hazards Flammable liquid and vapour.

5.1. Extinguishing media

Suitable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

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 Vapours may form explosive mixtures with air. Vapours may travel considerable distance to a source of ignition and flash back. 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

In case of fire and/or explosion do not breathe fumes. 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

Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapours. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material.

For emergency responders

Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Avoid breathing mist/vapours. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. Use personal protection recommended in 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

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. Prevent product from entering drains.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. 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

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not get this material in contact with eyes. Avoid breathing mist/vapours. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

7.3. Specific end use(s)

Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

Ireland. Occupational Exposure Limits Components

Components	Type	Value	Form
Benzene, 1,1'-oxybis- (CAS 101-84-8)	STEL	14 mg/m3	
		2 ppm	
	TWA	7 mg/m3	
Citral (CAS 5392-40-5)		1 ppm	
	TWA	5 ppm	Inhalable fraction and vapour.

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

Components	Type	Value
Benzene, 1,1'-oxybis- (CAS 101-84-8)	STEL	14 mg/m3

Components	Type	Value
		2 ppm
	TWA	7 mg/m3
		1 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.	
8.2. Exposure controls		
Appropriate engineering controls	Explosion-proof general and local exhaust ventilation. 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. Provide eyewash station and safety shower.	
Individual protection measures, such as personal protective equipment		
General information	Use personal protective equipment as required. 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) and a face shield. 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	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.	
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.	
Hygiene measures	When using do not smoke. 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	-42.5 °C (-44.5 °F) estimated
Boiling point or initial boiling point and boiling range	176 °C (348.8 °F) estimated
Flammability	Not applicable.
Flash point	83 °C (181.4 °F) estimated
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
pH	Not available.
Kinematic viscosity	Not available.
Solubility	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water) (log value)	Not available.

Vapour pressure 0.296854 hPa estimated

Density and/or relative density

Density 1.045 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 0.02 % estimated

Specific gravity 1.0447 estimated

VOC 0.07 % estimated

SECTION 10: Stability and reactivity

10.1. Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability Material is stable under normal conditions.

10.3. Possibility of hazardous reactions No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

10.5. Incompatible materials Strong oxidising agents.

10.6. Hazardous decomposition products 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

Inhalation Prolonged inhalation may be harmful.

Skin contact Causes skin irritation. May cause an allergic skin reaction.

Eye contact Causes serious eye damage.

Ingestion May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.

Symptoms Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

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

Acute toxicity No data available.

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye irritation Causes serious eye damage.

Respiratory sensitisation Based on available data, the classification criteria are not met.

Skin sensitisation May cause an allergic skin reaction.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

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.

Eugenol (CAS 97-53-0) 3 Not classifiable as to carcinogenicity to humans.

Reproductive toxicity Based on available data, the classification criteria are not met.

Specific target organ toxicity - single exposure Based on available data, the classification criteria are not met.

Specific target organ toxicity - repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Due to partial or complete lack of data the classification is not possible.

Mixture versus substance information No information available.

11.2. Information on other hazards

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.

Other information

Not available.

SECTION 12: Ecological information

12.1. Toxicity

Harmful 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.

Components	Species	Test Results
Benzene, 1,1'-oxybis- (CAS 101-84-8)		
Aquatic		
<i>Acute</i>		
Fish	LC50	Sheepshead minnow (Cyprinodon variegatus) 1.8 - 3.2 mg/l, 96 hours
Benzene, 1-methyl-4-(1-methylethyl)- (CAS 99-87-6)		
Aquatic		
<i>Acute</i>		
Fish	LC50	Sheepshead minnow (Cyprinodon variegatus) 36 - 64 mg/l, 96 hours
Coumarin (CAS 91-64-5)		
Aquatic		
<i>Acute</i>		
Fish	LC50	Guppy (Poecilia reticulata) 32 - 100 mg/l, 96 hours
d-Limonene (CAS 5989-27-5)		
Aquatic		
<i>Acute</i>		
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
Eucalyptol (CAS 470-82-6)		
Aquatic		
<i>Acute</i>		
Fish	LC50	Fathead minnow (Pimephales promelas) 95.4 - 109 mg/l, 96 hours
Eugenol (CAS 97-53-0)		
Aquatic		
<i>Acute</i>		
Fish	LC50	Fathead minnow (Pimephales promelas) 24 mg/l, 96 hours

12.2. Persistence and degradability

No data is available on the degradability of any ingredients in the mixture.

12.3. Bioaccumulative potential

Partition coefficient

n-octanol/water (log Kow)

1,4-Cyclohexadiene, 1-methyl-4-(1-methylethyl)-	5.4
2,6-Dimethyl-7-octen-2-ol	3.25
Allyl cyclohexanepropionate	4.276
Benzene, 1,1'-oxybis-	4.21
Benzene, 1-methyl-4-(1-methylethyl)-	4.1
Benzoic acid, 2-hydroxy-, hexyl ester	5.5
beta-Caryophyllene	6.23
beta-Pinene	4.16
Citral	2.76
	3.45
Citronellol	3.41
Coumarin	1.39
Cyclohexene, 1-methyl-4-(1-methylethylidene)-	4.47
d-Limonene	4.57
Eucalyptol	2.74
Eugenol	2.49
Geranyl acetate	4.04
Limonene	4.57
Linalool	2.97
Linalyl acetate	3.9

Linalyl acetate	3.93
Methyl cinnamate	2.68
Neryl acetate	3.98
Ocimene	5.4
Oils, eucalyptus	2.84

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.
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

Residual waste	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).
Contaminated packaging	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.
EU waste code	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Disposal methods/information	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.
Special precautions	Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

14.1. UN number	Not regulated as dangerous goods.
14.2. UN proper shipping name	Not regulated as dangerous goods.
14.3. Transport hazard class(es)	
Class	Not assigned.
Subsidiary risk	-
Hazard No. (ADR)	Not assigned.
Tunnel restriction code	Not assigned.
14.4. Packing group	Not assigned.
14.5. Environmental hazards	No.
14.6. Special precautions for user	Not assigned.

RID

14.1. UN number	Not regulated as dangerous goods.
14.2. UN proper shipping name	Not regulated as dangerous goods.
14.3. Transport hazard class(es)	
Class	Not assigned.
Subsidiary risk	-
14.4. Packing group	Not assigned.
14.5. Environmental hazards	No.
14.6. Special precautions for user	Not assigned.

ADN

14.1. UN number	Not regulated as dangerous goods.
14.2. UN proper shipping name	Not regulated as dangerous goods.
14.3. Transport hazard class(es)	
Class	Not assigned.
Subsidiary risk	-
14.4. Packing group	Not assigned.
14.5. Environmental hazards	No.

14.6. Special precautions for user Not assigned.

IATA

14.1. UN number Not regulated as dangerous goods.

14.2. UN proper shipping name Not regulated as dangerous goods.

14.3. Transport hazard class(es)

Class Not assigned.

Subsidiary risk -

14.4. Packing group Not assigned.

14.5. Environmental hazards No.

14.6. Special precautions for user Not assigned.

IMDG

14.1. UN number Not regulated as dangerous goods.

14.2. UN proper shipping name Not regulated as dangerous goods.

14.3. Transport hazard class(es)

Class Not assigned.

Subsidiary risk -

14.4. Packing group Not assigned.

14.5. Environmental hazards

Marine pollutant No.

EmS Not assigned.

14.6. Special precautions for user Not assigned.

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

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: 10JT-F06J-X86W-2HMR

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

Linalool (CAS 78-70-6)

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.

Other EU regulations

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

Benzene, 1-methyl-4-(1-methylethyl)- (CAS 99-87-6)

d-Limonene (CAS 5989-27-5)

Limonene (CAS 138-86-3)

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 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: European 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.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H332 Harmful if inhaled.
H361 Suspected of damaging fertility or the unborn child.
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

None.

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.