

Version #: 02
 Issue date: 18-April-2023
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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 HF-EHF RFTW PINK SANDS NL 1723614E

Registration number -

Synonyms None.

Product code 1723614E

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

Identified uses Air Care Products

Uses advised against None known.

1.3. Details of the supplier of the safety data sheet

Company name Yankee Candle Company (Europe) Limited

Company Address Poplar Way East, Cabot Park
 Avonmouth
 Bristol
 United Kingdom
 BS11 0YH

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.)

Austria National Poisons Information Centre +431 406 4343 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

Belgium National Poisons Control Centre 070 245 245 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

Bulgaria National Toxicological Information Centre +359 2 9154233 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

Czech Republic National Poisons Information Centre +420 224 919 293, or +420 224 915 402 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)

Denmark National Poisons Control Centre +45 82 12 12 12 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

Estonia National Poisons Information Centre 16662 or abroad: (+372) 626 9390 (Monday 9:00AM to Saturday 9:00AM (closed on Sundays and on national holidays). SDS/Product information may not be available for the Emergency Service.)

Finland National Poison Information Centre (09) 471 977 (direct) or (09) 4711 (exchange) (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

France National Poisons Control Centre ORFILA number (INRS): + 33 (0) 1 45 42 59 59 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

Hungary National Emergency Phone Number 36 80 20 11 99 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

Lithuania Neatidėliotina informacija apsinuodijus +370 5 236 20 52 or +37068753378 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)

Malta Accident and Emergency Department 2545 4030 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)

Netherlands National Poisons Information Centre (NVIC) 030-274 88 88 (Only for the purpose of informing medical personnel in cases of acute intoxications)

Norway Norwegian Poison Information Centre 22 59 13 00 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

1.4. Emergency telephone number

Portugal Poison Centre	800 250 250 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Romania Biroul RSI si Informare Toxicologica	021.318.36.06 (Available 8:00AM-3:00PM. SDS/Product information may not be available for the Emergency Service.)
Slovakia National Toxicological Information Centre	+421 2 5477 4166 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Sweden National Poison Information Centre	112 - and ask for Poison Information (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Switzerland Tox Info Suisse	145 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

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

Serious eye damage/eye irritation	Category 2	H319 - Causes serious eye irritation.
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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

Contains: Cyclohexanepropanol, alpha,alpha-dimethyl-

Hazard pictograms



Signal word Warning

Hazard statements

H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

Prevention

P102	Keep out of reach of children.
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Response

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.

Storage Not applicable.

Disposal Not applicable.

Supplemental label information

EUH208 - Contains Eugenol, Cyclamen aldehyde, Benzenemethanol, 4-methoxy-, 1-acetate, cis-4-(Isopropyl)cyclohexanemethanol, Linalool, 5-Heptenal, 2,6-dimethyl-, Hydroxycitronellal, Geraniol, Anise alcohol, Ethyl methylphenylglycidate, Methyleneoxyphenyl methylpropanal, Rose Ketone-4, trans-Rose Ketone-2. May produce an allergic reaction.

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
Propanol, 1(or 2)-(2-methoxymethylethoxy)-	10 - 20	34590-94-8 252-104-2	-	-	#

Classification: -

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
2,6-Dimethyl-7-octen-2-ol	3 - 5	18479-58-8 242-362-4	-	-	
Classification: Skin Irrit. 2;H315, Eye Irrit. 2;H319					
2H-Pyran-4-ol, tetrahydro-4-methyl-2-(2-methylpropyl)-	3 - 5	63500-71-0 405-040-6	-	603-101-00-3	
Classification: Eye Irrit. 2;H319					
Cyclohexanepropanol, alpha,alpha-dimethyl-	1 - 3	83926-73-2 420-630-3	-	603-174-00-1	
Classification: Eye Dam. 1;H318, Aquatic Chronic 2;H411					
5-Heptenal, 2,6-dimethyl-	≤ 1	106-72-9 203-427-2	-	-	
Classification: Skin Sens. 1B;H317					
Anise alcohol	≤ 1	105-13-5 203-273-6	-	-	
Classification: Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1B;H317					
Benzenemethanol, 4-methoxy-, 1-acetate	≤ 1	104-21-2 203-185-8	-	-	
Classification: Skin Sens. 1B;H317					
Benzoic acid, 2-hydroxy-, (3Z)-3-hexen-1-yl ester	≤ 1	65405-77-8 265-745-8	-	-	
Classification: Aquatic Acute 1;H400(M=1), Aquatic Chronic 2;H411					
Cyclamen aldehyde	≤ 1	103-95-7 203-161-7	-	-	
Classification: Skin Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Chronic 3;H412					
Eugenol	≤ 1	97-53-0 202-589-1	-	-	
Classification: Eye Irrit. 2;H319, Skin Sens. 1B;H317					
Geraniol	≤ 1	106-24-1 203-377-1	-	603-241-00-5	
Classification: Skin Irrit. 2;H315, Eye Dam. 1;H318, Skin Sens. 1;H317					
Hexanoic acid, 2-propen-1-yl ester	≤ 1	123-68-2 204-642-4	-	-	
Classification: Acute Tox. 3;H301;(ATE: 100 mg/kg bw), Acute Tox. 3;H311;(ATE: 300 mg/kg bw), Acute Tox. 3;H331;(ATE: 3 mg/l), Aquatic Acute 1;H400(M=1), Aquatic Chronic 3;H412					
Hydroxycitronellal	≤ 1	107-75-5 203-518-7	-	-	
Classification: Eye Irrit. 2;H319, Skin Sens. 1B;H317					
Linalool	≤ 1	78-70-6 201-134-4	-	603-235-00-2	
Classification: Skin Irrit. 2;H315, Eye Irrit. 2;H319, Skin Sens. 1B;H317					
Ethyl methylphenylglycidate	≤ 0,3	77-83-8 201-061-8	-	-	
Classification: Skin Sens. 1B;H317, Aquatic Chronic 2;H411					
Methylenedioxyphenyl methylpropanal	≤ 0,2	1205-17-0 214-881-6	-	-	
Classification: Skin Sens. 1B;H317, Repr. 2;H361, Aquatic Chronic 2;H411					
Rose Ketone-4	≤ 0,2	23696-85-7 245-833-2	-	-	
Classification: Skin Irrit. 2;H315, Skin Sens. 1A;H317, Aquatic Chronic 2;H411					
trans-Rose Ketone-2	≤ 0,2	23726-91-2 245-842-1	-	-	
Classification: Skin Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Chronic 2;H411					

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Undeca-1,3,5-triene	≤ 0,2	16356-11-9 240-416-1	-	-	
Classification: Skin Irrit. 2;H315, Asp. Tox. 1;H304, Aquatic Acute 1;H400(M=10), Aquatic Chronic 1;H410(M=10)					

Other components below reportable levels 67.03

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.

4.1. Description of first aid measures

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

Skin contact Wash off with soap and water. Get medical attention if irritation develops and persists.

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. If eye irritation persists: Get medical advice/attention.

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.

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 Alcohol resistant foam. 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 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 Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

For emergency responders Keep unnecessary personnel away. Ensure adequate ventilation. 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

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. 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.

For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes. 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).

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

Austria. MAK List, OEL Ordinance (GwV), BGBl. II, no. 184/2001

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	Ceiling	614 mg/m ³
		100 ppm
	MAK	307 mg/m ³ 50 ppm

Belgium. Exposure Limit Values

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	308 mg/m ³
		50 ppm

Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	308 mg/m ³
		50 ppm

Croatia. Dangerous Substance Exposure Limit Values in the Workplace (ELVs), Annexes 1 and 2, Narodne Novine, 13/09

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	MAC	308 mg/m ³
		50 ppm

Czech Republic. OELs. Government Decree 361

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	Ceiling	550 mg/m ³
	TWA	270 mg/m ³

Denmark. Exposure Limit Values

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TLV	309 mg/m ³

Denmark. Exposure Limit Values

Components	Type	Value
		50 ppm

Estonia. OELs. Occupational Exposure Limits of Hazardous Substances (Regulation No. 105/2001, Annex), as amended

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

Finland. Workplace Exposure Limits

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	310 mg/m3
		50 ppm

France. OELs. Occupational Exposure Limits as Prescribed by Art. R.4412-149 of Labor Code, as amended

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

France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	VME	308 mg/m3
Regulatory status: Regulatory binding (VRC)		50 ppm
Regulatory status: Regulatory binding (VRC)		

Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

Components	Type	Value	Form
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	310 mg/m3	Vapour.
		50 ppm	Vapour.

Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace

Components	Type	Value	Form
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	AGW	310 mg/m3	Vapour and aerosol.
		50 ppm	Vapour and aerosol.

Greece. OELs (Decree No. 90/1999, as amended)

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	STEL	900 mg/m3
	TWA	150 ppm 600 mg/m3 100 ppm

Hungary. OELs. Joint Decree on Chemical Safety of Workplaces

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

Iceland. OELs. Regulation 154/1999 on occupational exposure limits

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	300 mg/m ³
		50 ppm

Ireland. Occupational Exposure Limits

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	308 mg/m ³
		50 ppm

Italy. Occupational Exposure Limits

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	308 mg/m ³
		50 ppm

Latvia. OELs. Occupational exposure limit values of chemical substances in work environment

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	308 mg/m ³
		50 ppm

Lithuania. OELs. Limit Values for Chemical Substances, General Requirements

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	STEL	450 mg/m ³
		75 ppm
	TWA	308 mg/m ³
		50 ppm

Luxembourg. Binding Occupational exposure limit values (Annex I), Memorial A

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	308 mg/m ³
		50 ppm

Malta. OELs. Occupational Exposure Limit Values (L.N. 227. of Occupational Health and Safety Authority Act (CAP. 424), Schedules I and V)

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	308 mg/m ³
		50 ppm

Netherlands. OELs (binding)

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	300 mg/m ³

Norway. Administrative Norms for Contaminants in the Workplace

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TLV	300 mg/m ³
		50 ppm

Poland. Ordinance of the Minister of Labour and Social Policy on 6 June 2014 on the maximum permissible concentrations and intensities of harmful health factors in the work environment, Journal of Laws 2014, item 817

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	STEL	480 mg/m ³
	TWA	240 mg/m ³

Portugal. OELs. Decree-Law n. 290/2001 (Journal of the Republic - 1 Series A, n.266)

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	308 mg/m ³
		50 ppm

Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	STEL	150 ppm
	TWA	100 ppm

Romania. OELs. Protection of workers from exposure to chemical agents at the workplace

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	308 mg/m ³
		50 ppm

Slovakia. OELs. Regulation No. 300/2007 concerning protection of health in work with chemical agents

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	308 mg/m ³
		50 ppm

Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	308 mg/m ³
		50 ppm

Spain. Occupational Exposure Limits

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	TWA	308 mg/m ³
		50 ppm

Sweden. OELs. Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2015:7)

Components	Type	Value
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	STEL	450 mg/m ³
		75 ppm
	TWA	300 mg/m ³
		50 ppm

Switzerland. SUVA Grenzwerte am Arbeitsplatz

Components	Type	Value	Form
Propanol, 1(or 2)-(2-methoxymethylethoxy) - (CAS 34590-94-8)	STEL	300 mg/m ³	Vapour and aerosol.
		50 ppm	Vapour and aerosol.
	TWA	300 mg/m ³	Vapour and aerosol.

Switzerland. SUVA Grenzwerte am Arbeitsplatz		Value	Form
Components	Type		
		50 ppm	Vapour and aerosol.
UK. EH40 Workplace Exposure Limits (WELs)			
Components	Type	Value	
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			
Austria MAK: Skin designation			
Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8)		Can be absorbed through the skin.	
Belgium OELs: Skin designation			
Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8)		Can be absorbed through the skin.	
Bulgaria OELs: Skin designation			
Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8)		Can be absorbed through the skin.	
Croatia ELVs: Skin designation			
Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8)		Can be absorbed through the skin.	
Czech Republic PELs: Skin designation			
Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8)		Can be absorbed through the skin.	
Denmark GV: Skin designation			
Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8)		Can be absorbed through the skin.	
Estonia OELs: Skin designation			
Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8)		Can be absorbed through the skin.	
EU Exposure Limit Values: Skin designation			
Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8)		Can be absorbed through the skin.	
Finland Exposure Limit Values: Skin designation			
Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8)		Can be absorbed through the skin.	
France INRS: Skin designation			
Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8)		Can be absorbed through the skin.	
Greece OEL: Skin designation			
Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8)		Can be absorbed through the skin.	
Iceland OELs: Skin designation			
Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8)		Can be absorbed through the skin.	
Ireland Exposure Limit Values: Skin designation			
Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS 34590-94-8)		Can be absorbed through the skin.	

Italy OELs: Skin designationPropanol, 1(or 2)-(2-methoxymethylethoxy)-
(CAS 34590-94-8)

Danger of cutaneous absorption

Latvia OELs: Skin designationPropanol, 1(or 2)-(2-methoxymethylethoxy)-
(CAS 34590-94-8)

Can be absorbed through the skin.

Lithuania OELs: Skin designationPropanol, 1(or 2)-(2-methoxymethylethoxy)-
(CAS 34590-94-8)

Can be absorbed through the skin.

Luxembourg OELs: Skin designationPropanol, 1(or 2)-(2-methoxymethylethoxy)-
(CAS 34590-94-8)

Can be absorbed through the skin.

Malta OELs: Skin designationPropanol, 1(or 2)-(2-methoxymethylethoxy)-
(CAS 34590-94-8)

Can be absorbed through the skin.

Norway Exposure Limit Values: Skin designationPropanol, 1(or 2)-(2-methoxymethylethoxy)-
(CAS 34590-94-8)

Can be absorbed through the skin.

Portugal OELs: Skin designationPropanol, 1(or 2)-(2-methoxymethylethoxy)-
(CAS 34590-94-8)

Can be absorbed through the skin.

Portugal VLEs Norm on Occupational Exposure: Skin designationPropanol, 1(or 2)-(2-methoxymethylethoxy)-
(CAS 34590-94-8)

Can be absorbed through the skin.

Romania OELs: Skin designationPropanol, 1(or 2)-(2-methoxymethylethoxy)-
(CAS 34590-94-8)

Can be absorbed through the skin.

Slovakia OELs: Skin designationPropanol, 1(or 2)-(2-methoxymethylethoxy)-
(CAS 34590-94-8)

Can be absorbed through the skin.

Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)Propanol, 1(or 2)-(2-methoxymethylethoxy)-
(CAS 34590-94-8)

Can be absorbed through the skin.

Spain OELs: Skin designationPropanol, 1(or 2)-(2-methoxymethylethoxy)-
(CAS 34590-94-8)

Can be absorbed through the skin.

Sweden Threshold Limit Values: Skin designationPropanol, 1(or 2)-(2-methoxymethylethoxy)-
(CAS 34590-94-8)

Can be absorbed through the skin.

UK EH40 WEL: Skin designationPropanol, 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. Provide eyewash station.

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).

Skin protection**- Hand protection**

Wear appropriate chemical resistant gloves.

- Other

Wear suitable protective clothing.

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.

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.
Flash point	94 °C (201,2 °F) Closed cup 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	0,399967 hPa estimated
Vapour pressure temp.	20 °C (68 °F)
Density and/or relative density	
Density	0,954 g/cm ³ 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

Hydrocarbons percent	0,0001 % estimated
Percent volatile	1,42 % estimated
Specific gravity	0,95438 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 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	May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged inhalation may be harmful.
Skin contact	May cause an allergic skin reaction.
Eye contact	Causes serious eye irritation.
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.

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

Acute toxicity Not known.

Product	Species	Test Results
HF-EHF RFTW PINK SANDS NL 1723614E		
Acute		
Oral		
LD50		3570 mg/kg
Skin corrosion/irritation	Due to partial or complete lack of data the classification is not possible.	
Serious eye damage/eye irritation	Causes serious eye irritation.	
Respiratory sensitisation	Due to partial or complete lack of data the classification is not possible.	
Skin sensitisation	Due to partial or complete lack of data the classification is not possible.	
Germ cell mutagenicity	Due to partial or complete lack of data the classification is not possible.	
Carcinogenicity	Due to partial or complete lack of data the classification is not possible.	

Hungary. 26/2000 EüM Ordinance on protection against and preventing risk relating to exposure to carcinogens at work (as amended)

Not listed.

IARC Monographs. Overall Evaluation of Carcinogenicity

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

Reproductive toxicity	Due to partial or complete lack of data the classification is not possible.	
Specific target organ toxicity - single exposure	Due to partial or complete lack of data the classification is not possible.	
Specific target organ toxicity - repeated exposure	Due to partial or complete lack of data the classification is not possible.	
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. 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.

Other information May cause allergic respiratory and skin reactions.

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
Eugenol (CAS 97-53-0)		
Aquatic		
<i>Acute</i>		
Fish	LC50	Fathead minnow (<i>Pimephales promelas</i>) 24 mg/l, 96 hours
Geraniol (CAS 106-24-1)		
Aquatic		
<i>Acute</i>		
Fish	LC50	Brown trout (<i>Salmo trutta</i>) 2,3 - 3 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)

2,6-Dimethyl-7-octen-2-ol	3,25
2H-Pyran-4-ol, tetrahydro-4-methyl-2-(2-methylpropyl)-	1,65
5-Heptenal, 2,6-dimethyl-	3,4
Benzenemethanol, 4-methoxy-, 1-acetate	1,9
Benzoic acid, 2-hydroxy-, (3Z)-3-hexen-1-yl ester	4,8
Cyclamen aldehyde	3,4
Cyclohexanepropanol, alpha,alpha-dimethyl-	3,49
Ethyl methylphenylglycidate	2,8
Eugenol	2,49
Geraniol	3,56
Hexanoic acid, 2-propen-1-yl ester	3,191

Hydroxycitronellal	1,68
Linalool	2,97
Methylenedioxyphenyl methylpropanal	2,4
Rose Ketone-4	4,8
trans-Rose Ketone-2	3,68
Undeca-1,3,5-triene	5,06 Estimated

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 The product contains volatile organic compounds which have a photochemical ozone creation potential.

12.8. Additional information

Estonia Dangerous substances in soil Data

Eugenol (CAS 97-53-0)	Chemical pesticides (As the total sum of the active substances) 0,5 mg/kg
	Chemical pesticides (As the total sum of the active substances) 20 mg/kg
	Chemical pesticides (As the total sum of the active substances) 5 mg/kg
Geraniol (CAS 106-24-1)	Chemical pesticides (As the total sum of the active substances) 0,5 mg/kg
	Chemical pesticides (As the total sum of the active substances) 20 mg/kg
	Chemical pesticides (As the total sum of the active substances) 5 mg/kg

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 Not assigned.

for user

ADN

14.1. UN number Not regulated as dangerous goods.

14.2. UN proper shipping Not regulated as dangerous goods.

name

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 Not assigned.

for user

IATA

14.1. UN number Not regulated as dangerous goods.

14.2. UN proper shipping Not regulated as dangerous goods.

name

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 Not assigned.

for user

IMDG

14.1. UN number Not regulated as dangerous goods.

14.2. UN proper shipping Not regulated as dangerous goods.

name

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 Not assigned.

for user

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

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.

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

2H-Pyran-4-ol, tetrahydro-4-methyl-2-(2-methylpropyl)- (CAS 63500-71-0)

Cyclohexanepropanol, alpha,alpha-dimethyl- (CAS 83926-73-2)

Geraniol (CAS 106-24-1)

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

Cyclohexanepropanol, alpha,alpha-dimethyl- (CAS 83926-73-2)

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

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.

AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany).

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.

MAC: Maximum Allowed Concentration.

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.

TLV: Threshold Limit Value.

TWA: Time Weighted Average.

VLE: Exposure Limit Value.

VME: Exposure Average Value.

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

H301 Toxic if swallowed.

H304 May be fatal if swallowed and enters airways.

H311 Toxic 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.

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

Product and Company Identification: Product and Company Identification

SECTION 2: Hazards identification: Disposal

SECTION 2: Hazards identification: Prevention

SECTION 2: Hazards identification: Response

SECTION 2: Hazards identification: Storage

Composition / Information on Ingredients: Disclosure Overrides

SECTION 7: Handling and storage: 7.1. Precautions for safe handling

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.