newell home fragrance

SAFETY DATA SHEET

Version #: 03

Issue date: 18-April-2023 Revision date: 29-November-2023 Supersedes date: 26-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

HF-EHF RFTW CLN COTT NL 1723617E

Registration number

Synonyms None.

Product code 1723617E

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 9154 233 (Available 24 hours a day. SDS/Product information may not be

available for the Emergency Service.)

Croatia Poisons Information Centre

+385 1 2348 342 (Hours of operation not provided. SDS/Product information may

not be available for the Emergency Service.)

Cyprus Poison Centre

1401 (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.)

Greece Poison Information Centre telephone number

(0030) 2107793777 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

Hungary National Emergency Phone Number +36-80-201-199 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

Iceland Poison Centre

(+354) 543 2222 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

Material name: HF-EHF RFTW CLN COTT NL 1723617E

1723617E Version #: 03 Revision date: 29-November-2023 Issue date: 18-April-2023

1.4. Emergency telephone number

Latvia Emergency medical 113

aid

Latvia Poison and Drug Information Centre +371 67042473 (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) NVIC: +31 (0)88 755 8000 (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.)

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 Sorvice.)

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.)

Spain Toxicology Information Service

+ 34 91 562 04 20 (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

Skin sensitisation Category 1 H317 - May cause an allergic skin

reaction.

Environmental hazards

Hazardous to the aquatic environment, Category 2 H411 - Toxic to aquatic life with

long-term aquatic hazard long lasting effects.

2.2. Label elements

1723617E Version #: 03 Revision date: 29-November-2023 Issue date: 18-April-2023

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

UFI:

Austria: 9XPA-0JS3-790K-78RW Belgium: 9XPA-0JS3-790K-78RW Bulgaria: 9XPA-0JS3-790K-78RW Croatia: 9XPA-0JS3-790K-78RW Cyprus: 9XPA-0JS3-790K-78RW

Czech Republic: 9XPA-0JS3-790K-78RW Denmark: 9XPA-0JS3-790K-78RW Estonia: 9XPA-0JS3-790K-78RW EU: 9XPA-0JS3-790K-78RW Finland: 9XPA-0JS3-790K-78RW France: 9XPA-0JS3-790K-78RW Germany: 9XPA-0JS3-790K-78RW Greece: 9XPA-0JS3-790K-78RW Hungary: 9XPA-0JS3-790K-78RW Iceland: 9XPA-0JS3-790K-78RW Ireland: 9XPA-0JS3-790K-78RW Italy: 9XPA-0JS3-790K-78RW Latvia: 9XPA-0JS3-790K-78RW Lithuania: 9XPA-0JS3-790K-78RW Luxembourg: 9XPA-0JS3-790K-78RW Malta: 9XPA-0JS3-790K-78RW

Northern Ireland: 9XPA-0JS3-790K-78RW Norway: 9XPA-0JS3-790K-78RW Poland: 9XPA-0JS3-790K-78RW Portugal: 9XPA-0JS3-790K-78RW Romania: 9XPA-0JS3-790K-78RW Slovakia: 9XPA-0JS3-790K-78RW Slovenia: 9XPA-0JS3-790K-78RW

Netherlands: 9XPA-0JS3-790K-78RW

Sioveriia. 9XPA-0JS3-790K-76RW Spain: 9XPA-0JS3-790K-78RW Sweden: 9XPA-0JS3-790K-78RW

Contains: 1,3-Cyclohexadiene, 1-methyl-4-(1-methylethyl)-, 10-Undecenal, 1H-Indene-ar-propanal,

2,3-dihydro-1,1-dimethyl-, 5-Heptenal, 2,6-dimethyl-, Benzoic acid, 2-hydroxy-, hexyl ester,

cis-4-(Isopropyl)cyclohexanemethanol, Citral, Citronellal, Citronellol, Cyclohexene,

1-methyl-4-(1-methylethylidene)-, d-Limonene, Dodecanal, Ethyl 2,2-dimethylhydrocinnamal, Geraniol, Geranyl acetate, g-Methoxycedrane, Isocyclocitral, Linalool, Linalyl acetate, Lyral, Neryl

acetate, Oils, lime, Oils, pine, Terpenes, orange oil, Undecanal, 2-methyl-

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	%		No. REACH Registration	No. Index No.	Notes
Benzyl acetate	10 - 2	205-399-7	-	-	
	Classification: Aquation	Chronic 3;H412			
lonone, methyl-	5 - 1	0 1335-46-2 215-635-0	-	-	
	Classification: Skin Irr	it. 2;H315, Eye Irrit.	2;H319, Aquatic Chronic 2	H411	
lonone	3 - 5	8013-90-9 232-396-8	-	-	
	Classification: Aquation	Chronic 2;H411			
2,6-Dimethyl-7-octen-	2-ol 1 - 3	3 18479-58-8 242-362-4	-	-	
	Classification: Skin Irr	t. 2;H315, Eye Irrit.	2;H319		
3a,4,5,6,7,7a-Hexahy o-1H-inden-6-yl propi		3 17511-60-3 241-514-7	-	-	
	Classification: Aquation	Chronic 2;H411			
Benzoic acid, 2-hydro	xy-, hexyl ester 1 - 3	6259-76-3 228-408-6	01-2119638275-3	6 -	
		ens. 1B;H317, Aquat : 1;H410(M=1)	iic Acute 1;H400(M=1), Aqu	uatic	
d-Limonene	1 - 3	5989-27-5 227-813-5	-	601-096-00-2	
			t. 2;H315, Skin Sens. 1B;H 100(M=1), Aquatic Chronic		
Ethyl 2,2-dimethylhyd	rocinnamal 1 - 3	67634-15-5 266-819-2	-	-	
		it. 2;H315, Skin Sen Chronic 2;H411	s. 1B;H317, Aquatic Acute	1;H400(M=1),	
Linalool	1 - 3	78-70-6 201-134-4	01-2119474016-4	2 603-235-00-2	
	Classification: Skin Irr	t. 2;H315, Eye Irrit.	2;H319, Skin Sens. 1B;H3 ⁻	17	
Linalyl acetate	1 - 3	3 115-95-7 204-116-4	-	-	
	Classification: Skin Irr	t. 2;H315, Eye Irrit.	2;H319, Skin Sens. 1B;H3 ⁻	17	
Acetic acid, 2-(cycloh 2-propen-1-yl ester	exyloxy)-, ≤ 1	68901-15-5 272-657-3	-	-	
		ox. 4;H302;(ATE: 50 Chronic 1;H410	00 mg/kg bw), Aquatic Acu	te 1;H400(M=1),	
Benzoic acid, 2-hydro (3Z)-3-hexen-1-yl este		65405-77-8 265-745-8	-	-	
	Classification: Aquation	Acute 1;H400(M=1), Aquatic Chronic 2;H411		
Lyral	≤ 1	31906-04-4 250-863-4	-	605-040-00-8	
	Classification: Skin Se	ens. 1A;H317			
Oils, lime	≤ 1	8008-26-2 616-919-0	-	-	
			. 2;H315, Eye Irrit. 2;H319, . Tox. 1;H304, Aquatic Chr		
Oils, pine	≤ 1	8002-09-3 692-006-0	-	-	
		iq. 3;H226, Eye Irrit , Aquatic Chronic 2;	. 2;H319, Skin Sens. 1B;H3 H411	317, Asp. Tox.	
Terpenes, orange oil	≤ 1	68647-72-3 614-678-6	01-2119493353-3	5 -	
		iq. 3;H226, Skin Irrit , Aquatic Chronic 2;	t. 2;H315, Skin Sens. 1;H3 H411	17, Asp. Tox.	
10-Undecenal	≤ 0,:	3 112-45-8 203-973-1	-	-	
		200-910-1			

g-Methoxycedrane		≤ 0,3	19870-74-7	REACH Registration No	-	
5	Classifications		243-384-7	auta 4.11400/04-4\		
	Ciassification:	Skin Sens Chronic 1;		.cute 1;H400(M=1), Aquatio	; 	
Undecanal, 2-methyl-		≤ 0,3	110-41-8 203-765-0	-	-	
	Classification:		2;H315, Skin Sens. 1 nronic 1;H410(M=1)	B;H317, Aquatic Acute 1;H	400(M=1),	
1,3-Cyclohexadiene, 1-methyl-4-(1-methyle	ethyl)-	≤ 0,2	99-86-5 202-795-1	-	601-095-00-7	
	Classification:		3;H226, Acute Tox. 4 sp. Tox. 1;H304, Aqu	4;H302;(ATE: 1680 mg/kg k atic Chronic 2;H411	ow), Skin Sens.	
1H-Indene-ar-propana 2,3-dihydro-1,1-dimet		≤ 0,2	300371-33-9 -	-	-	
	Classification:	Acute Tox. Chronic 2;	.4;H302;(ATE: 500 n H411	ng/kg bw), Skin Sens. 1B;F	l317, Aquatic	
2H-Pyran, tetrahydro-4-methyl-2 pen-1-yl)-	-(2-methyl-1-pro	≤ 0,2	16409-43-1 240-457-5	-	-	
	Classification:	Skin Irrit. 2	2;H315, Eye Irrit. 2;H	319, Repr. 2;H361		
5-Heptenal, 2,6-dimet	•	≤ 0,2	106-72-9 203-427-2	01-2120270305-62	-	
	Classification:	Skin Sens	. 1B;H317			
cis-4-(IsopropyI)cyclo			13828-37-0 237-539-8	-	-	
	Classification:	Skin Irrit. 2	2;H315, Skin Sens. 1	B;H317		
Citral		≤ 0,2	5392-40-5 226-394-6	-	605-019-00-3	
	Classification:	Skin Irrit. 2	2;H315, Eye Irrit. 2;H	319, Skin Sens. 1;H317		
Citronellal		≤ 0,2	106-23-0 203-376-6	-	-	
	Classification:	Skin Irrit. 2	2;H315, Eye Irrit. 2;H	319, Skin Sens. 1B;H317		
Citronellol		≤ 0,2	106-22-9 203-375-0	-	-	
	Classification:	Skin Irrit. 2	2;H315, Eye Irrit. 2;H	319, Skin Sens. 1B;H317		
Cyclohexene, 1-methyl-4-(1-methyle		≤ 0,2	586-62-9 209-578-0	-	-	
	Classification:		. 1B;H317, Asp. Tox. nronic 1;H410(M=1)	1;H304, Aquatic Acute 1;H	I400(M=1),	
Dodecanal		≤ 0,2	112-54-9 203-983-6	-	-	
	Classification:	Skin Irrit. 2	2;H315, Eye Irrit. 2;H	319, Skin Sens. 1B;H317		
Geraniol		≤ 0,2	106-24-1 203-377-1	01-2119552430-49	603-241-00-5	
	Classification:	Skin Irrit. 2	2;H315, Eye Dam. 1;l	H318, Skin Sens. 1;H317		
Geranyl acetate		≤ 0,2	105-87-3 203-341-5	-	-	
	Classification:	Skin Irrit. 2	2;H315, Skin Sens. 1	B;H317, Aquatic Chronic 3	;H412	
Isocyclocitral		≤ 0,2	1335-66-6 215-638-7	-	-	
	Classification:	Skin Irrit. 2 Chronic 3;		319, Skin Sens. 1B;H317, A	Aquatic	
Neryl acetate		≤ 0,2	141-12-8 205-459-2	-	-	
	Classification:	Skin Sens	. 1B;H317, Aquatic C	Chronic 3;H412		

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.

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

Rinse mouth. Get medical attention if symptoms occur. 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

Ingestion

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 methodsUse 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.

Material name: HF-EHF RFTW CLN COTT NL 1723617E

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.

fe

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

Belgium. OEL. Exposure Limit Values to Chemical Substances at Work, Code of Well-being at work, Book VI, Title 1 -

Components	Туре	Value	Form
Benzyl acetate (CAS 140-11-4)	TWA	62 mg/m3	
		10 ppm	
Citral (CAS 5392-40-5)	TWA	32 mg/m3	Vapour and aerosol.
		5 ppm	Vapour and aerosol.

Denmark. Work Environment Authority. Exposure Limits for Substances & Materials, Annex 2

Components	Туре	Value	
Benzyl acetate (CAS 140-11-4)	STEL	122 mg/m3	
		20 ppm	
	TLV	61 mg/m3	
		10 ppm	
d-Limonene (CAS 5989-27-5)	TLV	25 ppm	
Terpenes, orange oil (CAS 68647-72-3)	TLV	25 ppm	

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

Terpenes, orange oil (CAS 68647-72-3)	STEL	300 mg/m3
		50 ppm
	TWA	150 mg/m3
		25 nnm

Finland. HTP-arvot, App 3., Binding Limit Values, Social Affairs and Ministry of Health Components Type Value

d-Limonene (CAS 5989-27-5)	STEL	280 mg/m3
,		50 ppm
	TWA	140 mg/m3
		25 ppm

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

Components	Туре	Value	
d-Limonene (CAS 5989-27-5)	TWA	28 mg/m3	
		5 ppm	

Components	s in the Ambient Air at the Workpl Type	Value	
d-Limonene (CAS 5989-27-5)	AGW	28 mg/m3	
		5 ppm	
Ireland. OELVs, Schedules 1 & 2, Components	Code of Practice for Chemical Ag Type	gents and Carcinogens Re Value	gulations Form
Benzyl acetate (CAS 140-11-4)	TWA	10 ppm	
Citral (CAS 5392-40-5)	TWA	5 ppm	Inhalable fraction and vapour.
Italy. OELs (Legislative Decree n. Components	81, 9 April 2008), as amended Type	Value	Form
Benzyl acetate (CAS 140-11-4)	TWA	10 ppm	
Citral (CAS 5392-40-5)	TWA	5 ppm	Inhalable fraction and vapour.
Latvia. OELs. Occupational Expo	sure Limits of Chemical Substan	ces at Workplace (Reg. No	·
Components	Туре	Value	
Benzyl acetate (CAS 140-11-4)	TWA	5 mg/m3	
Lithuania. OELs. Occupational Ex V-824/A1-389), as amended	oposure Limit Values for Chemica	l Substances (Hygiene No	orm HN 23:2011; Order No
Components	Туре	Value	
Benzyl acetate (CAS 140-11-4)	TWA	5 mg/m3	
Terpenes, orange oil (CAS 68647-72-3)	STEL	300 mg/m3	
		50 ppm	
	TWA	150 mg/m3	
		25 ppm	
		ysical and Chemical Facto	ors in Work Environment
Infection Groups for Biological Fa		ysical and Chemical Facto Value	ors in Work Environment
Infection Groups for Biological Fa Components d-Limonene (CAS	actors, as amended		ors in Work Environment
Infection Groups for Biological Fa Components d-Limonene (CAS	actors, as amended Type	Value	ors in Work Environment
Infection Groups for Biological Fa Components d-Limonene (CAS 5989-27-5) Poland. Maximum permissible co	actors, as amended Type TLV	Value 140 mg/m3 25 ppm	
Infection Groups for Biological Fa Components d-Limonene (CAS 5989-27-5) Poland. Maximum permissible co 1286/2018, Annex 1)	actors, as amended Type TLV	Value 140 mg/m3 25 ppm	
Infection Groups for Biological Fa Components d-Limonene (CAS 5989-27-5) Poland. Maximum permissible co 1286/2018, Annex 1) Components	actors, as amended Type TLV ncentrations and intensities of ha	Value 140 mg/m3 25 ppm armful factors in the work	
Norway. Regulation No. 1358 on Minfection Groups for Biological Factomponents d-Limonene (CAS 5989-27-5) Poland. Maximum permissible co 1286/2018, Annex 1) Components Citral (CAS 5392-40-5)	actors, as amended Type TLV ncentrations and intensities of ha	Value 140 mg/m3 25 ppm armful factors in the work Value	
Infection Groups for Biological Fa Components d-Limonene (CAS 5989-27-5) Poland. Maximum permissible co 1286/2018, Annex 1) Components Citral (CAS 5392-40-5)	Type TLV ncentrations and intensities of hate the state of the state	Value 140 mg/m3 25 ppm armful factors in the work Value 54 mg/m3 27 mg/m3	
Infection Groups for Biological Fa Components d-Limonene (CAS 5989-27-5) Poland. Maximum permissible co 1286/2018, Annex 1) Components Citral (CAS 5392-40-5) Portugal. VLEs. Norm on occupate	Type TLV ncentrations and intensities of hate the state of the state	Value 140 mg/m3 25 ppm armful factors in the work Value 54 mg/m3 27 mg/m3	
Infection Groups for Biological Fa Components d-Limonene (CAS 5989-27-5) Poland. Maximum permissible co 1286/2018, Annex 1) Components Citral (CAS 5392-40-5) Portugal. VLEs. Norm on occupat Components Benzyl acetate (CAS	Type TLV ncentrations and intensities of hat Type STEL TWA tional exposure to chemical agen	Value 140 mg/m3 25 ppm armful factors in the work Value 54 mg/m3 27 mg/m3 ts (NP 1796-2014)	environment (Dz.U.Poz.
Infection Groups for Biological Factomponents d-Limonene (CAS 5989-27-5) Poland. Maximum permissible con 1286/2018, Annex 1) Components Citral (CAS 5392-40-5) Portugal. VLEs. Norm on occupate Components Benzyl acetate (CAS 140-11-4)	Type TLV ncentrations and intensities of hat Type STEL TWA tional exposure to chemical agen Type	Value 140 mg/m3 25 ppm armful factors in the work Value 54 mg/m3 27 mg/m3 ts (NP 1796-2014) Value	environment (Dz.U.Poz.
Infection Groups for Biological Factomponents d-Limonene (CAS 5989-27-5) Poland. Maximum permissible con 1286/2018, Annex 1) Components Citral (CAS 5392-40-5) Portugal. VLEs. Norm on occupate Components Benzyl acetate (CAS 140-11-4) Citral (CAS 5392-40-5) Romania. OELs. Limit Values of Components	Type TLV ncentrations and intensities of hat Type STEL TWA tional exposure to chemical agen Type TWA TWA	Value 140 mg/m3 25 ppm armful factors in the work Value 54 mg/m3 27 mg/m3 ts (NP 1796-2014) Value 10 ppm 5 ppm	environment (Dz.U.Poz. Form Inhalable fraction and vapour.
Infection Groups for Biological Fa Components d-Limonene (CAS 5989-27-5) Poland. Maximum permissible co 1286/2018, Annex 1) Components	Type TLV ncentrations and intensities of hat Type STEL TWA tional exposure to chemical agen Type TWA TWA	Value 140 mg/m3 25 ppm armful factors in the work Value 54 mg/m3 27 mg/m3 ts (NP 1796-2014) Value 10 ppm 5 ppm	environment (Dz.U.Poz. Form Inhalable fraction and vapour.
Infection Groups for Biological Factomponents d-Limonene (CAS 5989-27-5) Poland. Maximum permissible con 1286/2018, Annex 1) Components Citral (CAS 5392-40-5) Portugal. VLEs. Norm on occupate Components Benzyl acetate (CAS 140-11-4) Citral (CAS 5392-40-5) Romania. OELs. Limit Values of Camended)	Type TLV Incentrations and intensities of hat Type STEL TWA Itional exposure to chemical agen Type TWA TWA TWA Chemical Agents at Workplace (Recommend)	Value 140 mg/m3 25 ppm armful factors in the work Value 54 mg/m3 27 mg/m3 ts (NP 1796-2014) Value 10 ppm 5 ppm segulation 1.218/2006, M.O	environment (Dz.U.Poz. Form Inhalable fraction and vapour.
Infection Groups for Biological Factomponents d-Limonene (CAS 5989-27-5) Poland. Maximum permissible contents Citral (CAS 5392-40-5) Portugal. VLEs. Norm on occupate Components Benzyl acetate (CAS 140-11-4) Citral (CAS 5392-40-5) Romania. OELs. Limit Values of Camended) Components Benzyl acetate (CAS 140-11-4) Benzyl acetate (CAS 140-11-4)	Type TLV ncentrations and intensities of hat Type STEL TWA tional exposure to chemical agen Type TWA TWA TWA TWA TWA TWA TWA TWA TWA Type	Value 140 mg/m3 25 ppm armful factors in the work Value 54 mg/m3 27 mg/m3 ts (NP 1796-2014) Value 10 ppm 5 ppm egulation 1.218/2006, M.O Value	environment (Dz.U.Poz. Form Inhalable fraction and vapour.
Infection Groups for Biological Factomponents d-Limonene (CAS 5989-27-5) Poland. Maximum permissible con 1286/2018, Annex 1) Components Citral (CAS 5392-40-5) Portugal. VLEs. Norm on occupate Components Benzyl acetate (CAS 140-11-4) Citral (CAS 5392-40-5) Romania. OELs. Limit Values of Camended) Components Benzyl acetate (CAS 140-11-4) Citral (CAS 5392-40-5)	Type TLV ncentrations and intensities of hat Type STEL TWA tional exposure to chemical agen Type TWA TWA TWA TWA TWA TWA TWA TWA TWA Type	Value 140 mg/m3 25 ppm armful factors in the work Value 54 mg/m3 27 mg/m3 ts (NP 1796-2014) Value 10 ppm 5 ppm segulation 1.218/2006, M.O Value 80 mg/m3	environment (Dz.U.Poz. Form Inhalable fraction and vapour.

Slovenia. OELs. Occupational Exposure Limits of Chemicals at Workplace (Reg. on Protection of Workers from Risks due to Exp. to Chemicals at Work, Ann. I 100/2001), as amended

Components	Туре	Value
d-Limonene (CAS 5989-27-5)	KTV	112 mg/m3
		20 nnm

Slovenia. OELs. Occupational Exposure Limits of Chemicals at Workplace (Reg. on Protection of Workers from Risks due to Exp. to Chemicals at Work. Annex I), as amended

ado to Exp. to onomicale at trong ramex 1, ao amenaca			
Components	Туре	Value	
d-Limonene (CAS 5989-27-5)	TWA	28 mg/m3	
		5 ppm	

Spain. OELs. INSST, Límites de Exposición Profesional Para Agentes Químicos, Table 1-Valores Límites Ambientales (VLAs)

Components	Туре	Value	Form
Benzyl acetate (CAS 140-11-4)	TWA	62 mg/m3	
		10 ppm	
Citral (CAS 5392-40-5)	TWA	5 ppm	Inhalable fraction and vapour.
d-Limonene (CAS 5989-27-5)	TWA	168 mg/m3	
·		30 ppm	

Sweden. OELs (Annex 1). Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2018:1), as amended

Components	Туре	Value
Terpenes, orange oil (CAS 68647-72-3)	STEL	300 mg/m3
		50 ppm
	TWA	150 mg/m3
		25 ppm
Switzerland. SUVA Grenzwerte a	ım Arbeitsplatz: Aktuelle MAK-Werte	
0	T	Malana

Components	Туре	Value
d-Limonene (CAS 5989-27-5)		80 mg/m3
		14 ppm
	TWA	40 mg/m3
		7 ppm

No biological exposure limits noted for the ingredient(s). **Biological limit values**

Recommended monitoring procedures

Follow standard monitoring procedures.

Derived no effect levels Not available. (DNELs)

Predicted no effect

Not available.

concentrations (PNECs)

Exposure guidelines

Belgium OELs: Skin designation

Citral (CAS 5392-40-5) Can be absorbed through the skin.

Germany DFG MAK (advisory): Skin designation

d-Limonene (CAS 5989-27-5) Can be absorbed through the skin.

Germany TRGS 900 Limit Values: Skin designation

d-Limonene (CAS 5989-27-5) Can be absorbed through the skin.

Italy OELs: Skin designation

Citral (CAS 5392-40-5) Danger of cutaneous absorption

Portugal VLEs Norm on Occupational Exposure: Skin designation

Citral (CAS 5392-40-5) 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)

d-Limonene (CAS 5989-27-5) Can be absorbed through the skin. Spain OELs: Skin designation

Citral (CAS 5392-40-5) d-Limonene (CAS 5989-27-5) Can be absorbed through the skin. 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

Personal protection equipment should be chosen according to the CEN standards and in **General information**

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.

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

In case of insufficient ventilation, wear suitable respiratory equipment. Respiratory protection 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 Liauid. **Form** Liauid. Colorless Colour Odour Not available.

Melting point/freezing point Boiling point or initial boiling

point and boiling range

-51 °C (-59,8 °F) estimated 213 °C (415,4 °F) estimated

Not applicable. **Flammability**

Upper/lower flammability or explosive limits Explosive limit - lower (%) Not available. Explosive limit - upper

(%)

Not available.

Flash point 98 °C (208,4 °F) Closed cup estimated

Auto-ignition temperature 460 °C (860 °F) estimated

Decomposition temperature Not available. Not available. рΗ Not available. Kinematic viscosity

Solubility

Solubility (water) Not available. Not available. Partition coefficient

(n-octanol/water) (log value)

Vapour pressure 0,133322 hPa estimated

Density and/or relative density

Density 0,996 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.

1723617E Version #: 03 Revision date: 29-November-2023 Issue date: 18-April-2023

9.2.2. Other safety characteristics

Hydrocarbons percent1,8859 % estimatedPercent volatile0,05 % estimatedSpecific gravity0,99629 estimated

SECTION 10: Stability and reactivity

10.1. ReactivityThe 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 No hazardous decomposition products are known.

decomposition products

SECTION 11: Toxicological information

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

Information on likely routes of exposure

InhalationProlonged inhalation may be harmful.Skin contactMay cause an allergic skin reaction.

Eye contact Direct contact with eyes may cause temporary irritation.

Ingestion 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

Acute toxicity Not known.

Skin corrosion/irritationDue to partial or complete lack of data the classification is not possible.

Serious eye damage/eye

irritation

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

Respiratory sensitisationDue to partial or complete lack of data the classification is not possible.

Skin sensitisation May cause an allergic skin reaction.

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.

IARC Monographs. Overall Evaluation of Carcinogenicity

Benzyl acetate (CAS 140-11-4) 3 Not classifiable as to carcinogenicity to humans. d-Limonene (CAS 5989-27-5) 3 Not classifiable as to carcinogenicity to humans.

Reproductive toxicityDue 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 hazardDue 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 Not available.

SECTION 12: Ecological information

12.1. Toxicity 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.

Material name: HF-EHF RFTW CLN COTT NL 1723617E

Components Species Test Results

Benzyl acetate (CAS 140-11-4)

Aquatic

Acute

Fish LC50 Medaka, high-eyes (Oryzias latipes) 3,48 - 4,6 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

Geraniol (CAS 106-24-1)

Aquatic

Acute

Fish LC50 Brown trout (Salmo trutta) 2,3 - 3 mg/l, 96 hours

12.2. Persistence and

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

3,25

degradability

12.3. Bioaccumulative potential

2,6-Dimethyl-7-octen-2-ol

Partition coefficient

n-octanol/water (log Kow)

=,0 =	0,-0
2H-Pyran, tetrahydro-4-methyl-2-(2-methyl-1-propen-1-yl)-	3,3
5-Heptenal, 2,6-dimethyl-	3,4
Acetic acid, 2-(cyclohexyloxy)-, 2-propen-1-yl ester	2,8
Benzoic acid, 2-hydroxy-, (3Z)-3-hexen-1-yl ester	4,8
Benzoic acid, 2-hydroxy-, hexyl ester	5,5
Benzyl acetate	1,96
cis-4-(Isopropyl)cyclohexanemethanol	3,243
Citral	2,76
	3,45
Citronellal	3,53
	3,62
Citronellol	3,41
Cyclohexene, 1-methyl-4-(1-methylethylidene)-	4,47
d-Limonene	4,57
Dodecanal	4,9
Ethyl 2,2-dimethylhydrocinnamal	3,6
Geraniol	3,56
Geranyl acetate	4,04
lonone	4,1
lonone, methyl-	4,5 - 5
Isocyclocitral	2,87
Linalool	2,97
Linalyl acetate	3,9
	3,93
Neryl acetate	3,98
Undecanal, 2-methyl-	4,9

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

Citronellal (CAS 106-23-0)

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

Chemical pesticides (As the total sum of the active substances) Citronellol (CAS 106-22-9)

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

Chemical pesticides (As the total sum of the active substances) 5

mg/kg

Geranyl acetate (CAS 105-87-3) 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

Oils, pine (CAS 8002-09-3) 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

ma/ka

Chemical pesticides (As the total sum of the active substances) 5

mg/kg

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in accordance with local regulations. Empty containers or liners may retain some Residual waste

product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

Since emptied containers may retain product residue, follow label warnings even after container is Contaminated packaging

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.

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow Disposal methods/information

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.

Dispose in accordance with all applicable regulations. Special precautions

SECTION 14: Transport information

ADR

UN3082 14.1. UN number

14.2. UN proper shipping ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl acetate, Ionone,

methyl-) name

14.3. Transport hazard class(es)

Class 9 Subsidiary hazard 9 Label(s) 90 Hazard No. (ADR) **Tunnel restriction code** 14.4. Packing group Ш

14.5. Environmental hazards Yes

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

for user RID

> UN3082 14.1. UN number

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl acetate, Ionone, 14.2. UN proper shipping

methyl-) name

14.3. Transport hazard class(es) Class 9 **Subsidiary hazard** 9 Label(s) 14.4. Packing group Ш 14.5. Environmental hazards Yes 14.6. Special precautions Read safety instructions, SDS and emergency procedures before handling.

for user

ADN

UN3082 14.1. UN number

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl acetate, lonone, 14.2. UN proper shipping

name methyl-)

14.3. Transport hazard class(es)

Class 9 Subsidiary hazard 9 Label(s) Ш 14.4. Packing group 14.5. Environmental hazards Yes

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

for user

IATA

14.1. UN number UN3082

14.2. UN proper shipping Environmentally hazardous substance, liquid, n.o.s. (Benzyl acetate, Linalyl acetate)

name

14.3. Transport hazard class(es)

9 Class Subsidiary hazard Ш 14.4. Packing group 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

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl acetate, Linalyl 14.2. UN proper shipping

acetate), MARINE POLLUTANT name

14.3. Transport hazard class(es)

Class 9 Subsidiary hazard 14.4. Packing group Ш 14.5. Environmental hazards Marine pollutant Yes

EmS

14.6. Special precautions

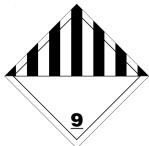
for user

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



Marine pollutant



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:

Austria: 9XPA-0JS3-790K-78RW Belgium: 9XPA-0JS3-790K-78RW Bulgaria: 9XPA-0JS3-790K-78RW Croatia: 9XPA-0JS3-790K-78RW Cyprus: 9XPA-0JS3-790K-78RW

Czech Republic: 9XPA-0JS3-790K-78RW Denmark: 9XPA-0JS3-790K-78RW Estonia: 9XPA-0JS3-790K-78RW EU: 9XPA-0JS3-790K-78RW Finland: 9XPA-0JS3-790K-78RW France: 9XPA-0JS3-790K-78RW Germany: 9XPA-0JS3-790K-78RW Greece: 9XPA-0JS3-790K-78RW Hungary: 9XPA-0JS3-790K-78RW Iceland: 9XPA-0JS3-790K-78RW Ireland: 9XPA-0JS3-790K-78RW Italy: 9XPA-0JS3-790K-78RW Latvia: 9XPA-0JS3-790K-78RW Lithuania: 9XPA-0JS3-790K-78RW Luxembourg: 9XPA-0JS3-790K-78RW Malta: 9XPA-0JS3-790K-78RW

Netherlands: 9XPA-0JS3-790K-78RW Northern Ireland: 9XPA-0JS3-790K-78RW

Norway: 9XPA-0JS3-790K-78RW Poland: 9XPA-0JS3-790K-78RW Portugal: 9XPA-0JS3-790K-78RW Romania: 9XPA-0JS3-790K-78RW Slovakia: 9XPA-0JS3-790K-78RW Slovenia: 9XPA-0JS3-790K-78RW Spain: 9XPA-0JS3-790K-78RW Sweden: 9XPA-0JS3-790K-78RW

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

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

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.

France regulations

France INRS Table of Occupational Diseases

Not regulated.

15.2. Chemical safety

No Chemical Safety Assessment has been carried out.

assessment

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

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.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Material name: HF-EHF RFTW CLN COTT NL 1723617E

H411 Toxic to aquatic life with long lasting effects.

 $\ensuremath{\mathsf{H412}}$ Harmful to a quatic life with long lasting effects.

Revision information Product and Company Identification: EU Poison Centre

SECTION 2: Hazards identification: Disposal SECTION 2: Hazards identification: Response

SECTION 7: Handling and storage: 7,2. Conditions for safe storage, including any incompatibilities

Follow training instructions when handling this material.

Training information
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.

Material name: HF-EHF RFTW CLN COTT NL 1723617E

1723617E Version #: 03 Revision date: 29-November-2023 Issue date: 18-April-2023