Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878 Issue date: 8/16/2024

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

1.1. Product identifier

Product form Product name Product code Type of product : Mixture

- : GINGERBREAD CINNAMON SPICE CC-16402 5% in DPG
- : CC-16402_5%
 - : Perfumes, Fragrances

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

1.2.1. Relevant identified uses

Industrial/Professional use spec

- IndustrialFor professional use onlyPerfumes, Fragrances
- Use of the substance/mixture Function or use category
- : Odour agents

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Candle Craft Weiherwiese 10 65510 Idstein - Germany T 49-6126-9363 -0 info@candlecraft.de - www.candlecraft.de

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazardous to the aquatic environment – Chronic Hazard H412

Category 3 Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labeling according to Regulation (EC) No. 1272/2008 [CLP] Signal word (CLP) : Hazard statements (CLP) : H412 - Harmful to aquatic life with long lasting effects. Precautionary statements (CLP) : P273 - Avoid release to the environment. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. EUH phrases : EUH208 - Contains Eugenol. May produce an allergic reaction. Extra phrases : Restricted to professional users.

2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

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SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
benzyl benzoate	CAS-No.: 120-51-4 EC-No.: 204-402-9 EC Index-No.: 607-085-00-9 REACH-no: 01-2119976371- 33	1.865 – 3.73	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Eugenol	CAS-No.: 97-53-0 EC-No.: 202-589-1 REACH-no: 01-2119971802- 33	0.17 – 0.3375	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Sens. 1B, H317
(R)-p-mentha-1,8-diene, d-limonene substance with national workplace exposure limit(s) (DE, ES, FI, SI, NO, CH)	CAS-No.: 5989-27-5 EC-No.: 205-341-0 EC Index-No.: 601-096-00-2 REACH-no: 01-2119493353- 35	0.005 – 0.005	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 3, H412

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and e	ffects, both acute and delayed
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
4.3. Indication of any immediate med	lical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measured	res
5.1. Extinguishing media	
Suitable extinguishing media Unsuitable extinguishing media	Foam. Dry powder. Carbon dioxide. Water spray. Sand.Do not use a heavy water stream.
5.2. Special hazards arising from th	e substance or mixture

No additional information available

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5.3. Advice for firefighters	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release	measures

6.1. Personal precautions, protective equipment and emergency procedures			
6.1.1. For non-emergency personnel			
Emergency procedures	: Evacuate unnecessary personnel.		
6.1.2. For emergency responders			
Protective equipment	: Equip cleanup crew with proper protection.		
Emergency procedures	: Ventilate area.		
6.2. Environmental precautions			
Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.			

6.3. Methods and material for containment and cleaning up		
Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.	
6.4. Reference to other sections		

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage						
7.1. Precautions for safe handling						
Precautions for safe handling	5	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.				
7.2. Conditions for safe storage, including	ng any	incompati	bilities			
Storage conditions Incompatible products Incompatible materials	: 3	container clos Strong bases	the original co sed when not i S. Strong acids nition. Direct s	n use.	, well ventilated	l place away from : Keep
Germany						
Storage class (LGK, TRGS 510)	: LGK 12 - Non-combustible liquids					
Joint storage table	:	LGK 1	LGK 2A	LGK 2B	LGK 3	LGK 4.1A
		LGK 4.1B	LGK 4.2	LGK 4.3	LGK 5.1A	LGK 5.1B
		LGK 5.1C	LGK 5.2	LGK 6.1A	LGK 6.1B	LGK 6.1C
		LGK 6.1D	LGK 6.2	LGK 7	LGK 8A	LGK 8B
		LGK 10	LGK 11	LGK 12	LGK 13	LGK 10-13
Joint storage not permitted for Joint storage with restrictions permitted for Joint storage permitted for	: L : L L	LGK 1, LGK 6.2, LGK 7 LGK 4.1A, LGK 4.3, LGK 5.1C LGK 2A, LGK 2B, LGK 3, LGK 4.1B, LGK 4.2, LGK 5.1A, LGK 5.1B, LGK 5.2, LGK 6.1A, LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B, LGK 10, LGK 11, LGK 12, LGK 13, LGK 10-13				
Switzerland						
Storage class (LK)	: 1	LK 10/12 - Lie	quids			

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7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

(R)-p-mentha-1,8-diene, d-limonene (5989-27-5)			
Finland - Occupational Exposure Limits			
HTP (OEL TWA)	140 mg/m ³		
	25 ppm		
HTP (OEL STEL)	280 mg/m ³		
	50 ppm		
Germany - Occupational Exposure Limits (T	RGS 900)		
AGW (OEL TWA)	28 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)		
	5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)		
Chemical category	skin notation, Skin sensitization		
Slovenia - Occupational Exposure Limits			
OEL TWA	28 mg/m ³		
	5 ppm		
OEL STEL	112 mg/m ³		
	20 ppm		
OEL chemical category	Potential for cutaneous absorption		
Spain - Occupational Exposure Limits			
VLA-ED (OEL TWA)	168 mg/m ³		
	30 ppm		
OEL chemical category	Sensitizer, skin - potential for cutaneous absorption		
Norway - Occupational Exposure Limits			
Grenseverdi (OEL TWA)	140 mg/m ³		
	25 ppm		
Korttidsverdi (OEL STEL)	175 mg/m ³ (value calculated)		
	37.5 ppm (value calculated)		
OEL chemical category	Allergenic substance		
Switzerland - Occupational Exposure Limits			
MAK (OEL TWA)	40 mg/m ³		
	7 ppm		
KZGW (OEL STEL)	80 mg/m ³		
	14 ppm		
OEL chemical category	Sensitizer		

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8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

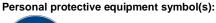
8.2.1. Appropriate engineering controls

No additional information available

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.





8.2.2.1. Eye and face protection

Eye protection: Chemical goggles or safety glasses

8.2.2.2. Skin protection

Hand protection: Wear protective gloves.

8.2.2.3. Respiratory protection

Respiratory protection: Wear appropriate mask

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Color	:	Conforms to standard.
Odor	:	characteristic.
Odor threshold	:	Not available
Melting point	:	Not available
Freezing point	:	Not available
Boiling point	:	Not available
Flammability	:	Non flammable.
Lower explosion limit	:	Not available
Upper explosion limit	:	Not available
Flash point	:	> 93 °C
Auto-ignition temperature	:	Not available

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Decomposition temperature	: Not available
рН	: Not available
Viscosity, kinematic	: Not available
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapor pressure	: Not available
Vapor pressure at 50°C	: Not available
Density	: Not available
Relative density	: Not available
Relative vapor density at 20°C	: Not available
Particle characteristics	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactive	vity
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10.1. Reactivity

No additional information available

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

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

Acute toxicity (dermal) : Acute toxicity (inhalation) :	Not classified Not classified Not classified
benzyl benzoate (120-51-4)	
LD50 oral rat	500 mg/kg (Source: NLM_CIP)
LD50 oral	1160 mg/kg body weight
LD50 dermal rabbit	4000 mg/kg (Source: NLM_CIP)
Eugenol (97-53-0)	
LD50 oral rat	1930 mg/kg (Source: NZ_CCID)
LD50 oral	2500 mg/kg body weight

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(R)-p-mentha-1,8-diene, d-limonene (5989-27-5)		
LD50 oral rat	4400 mg/kg (Source: CHEMVIEW)	
LD50 dermal rabbit	> 5 g/kg (Source: CHEMVIEW)	
Additional information:Serious eye damage/irritation:Additional information:Respiratory or skin sensitization:Additional information:Germ cell mutagenicity:Additional information:Carcinogenicity:	Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met	
Eugenol (97-53-0)		
IARC group	3 - Not classifiable	
(R)-p-mentha-1,8-diene, d-limonene (5989-27-5	5)	
IARC group	3 - Not classifiable	
Additional information:STOT-single exposure:Additional information:STOT-repeated exposure:Additional information:Aspiration hazard:	Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met	
benzyl benzoate (120-51-4)		
Viscosity, kinematic	7.456 mm²/s	
(R)-p-mentha-1,8-diene, d-limonene (5989-27-5	5)	
Hydrocarbon	Yes	
11.2. Information on other hazards		
11.2.1. Endocrine disrupting properties No additional information available 11.2.2. Other information Potential Adverse human health effects and symptoms	Based on available data, the classification criteria are not met	
SECTION 12: Ecological information		
12.1. Toxicity		
(acute)	Not classified Harmful to aquatic life with long lasting effects.	
benzyl benzoate (120-51-4)		
LC50 - Fish [1]	2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)	

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Eugenol (97-53-0)	
LC50 - Fish [1]	13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)
(R)-p-mentha-1,8-diene, d-limonene (5989-27-	5)
LC50 - Fish [1]	0.619 – 0.796 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)
LC50 - Fish [2]	35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: EPA)
12.2. Persistence and degradability	
GINGERBREAD CINNAMON SPICE CC-16402	5% in DPG
Persistence and degradability	Not established.
benzyl benzoate (120-51-4)	
Persistence and degradability	May cause long-term adverse effects in the environment.
Eugenol (97-53-0)	
Persistence and degradability	Rapidly degradable
(R)-p-mentha-1,8-diene, d-limonene (5989-27-	5)
Persistence and degradability	Rapidly degradable
12.3. Bioaccumulative potential	
GINGERBREAD CINNAMON SPICE CC-16402	5% in DPG
Bioaccumulative potential	Not established.
benzyl benzoate (120-51-4)	
Partition coefficient n-octanol/water (Log Pow)	3.97 (at 25 °C)
Bioaccumulative potential	Not established.
Eugenol (97-53-0)	
Partition coefficient n-octanol/water (Log Pow)	1.83 (at 30 °C (at pH 5.5)
(R)-p-mentha-1,8-diene, d-limonene (5989-27-	5)
Partition coefficient n-octanol/water (Log Pow)	4.38 (at 37 °C (at pH 7.2)
12.4. Mobility in soil	
No additional information available	
12.5. Results of PBT and vPvB assessment	
No additional information available	
12.6. Endocrine disrupting properties	
No additional information available	
12.7. Other adverse effects	
Additional information :	Avoid release to the environment.
SECTION 13: Disposal considerations	

SECTION 13: Disposal considerations		
13.1. Waste treatment methods		
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.	

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Ecological information HP code

Avoid release to the environment.
HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one

or more sectors of the environment

SECTION 14: Transport information

n accordance with ADR / IMI	DG / IATA / ADN / RID			
ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number or ID n	umber			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shippin	g name			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard	class(es)			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental haz	ards			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport Not applicable

Inland waterway transport Not applicable

Rail transport

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3(a)	(R)-p-mentha-1,8-diene, d-limonene	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F
3(b)	benzyl benzoate ; Eugenol ; (R)-p-mentha- 1,8-diene, d-limonene	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
3(c)	GINGERBREAD CINNAMON SPICE CC- 16402 5% in DPG ; benzyl benzoate ; (R)-p- mentha-1,8-diene, d- limonene	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1
40.	(R)-p-mentha-1,8-diene, d-limonene	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

Germany

Water hazard class (WGK)	:	WGK 1, slightly hazardous to water (Classification according to AwSV, Annex 1).
Hazardous Incident Ordinance (12. BImSchV)	:	Is not subject to the Hazardous Incident Ordinance (12. BImSchV)

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Netherlands	
ABM category	: A(2) - toxic for aquatic organisms, may have longterm hazardous effects in aquatic environment
SZW-lijst van kankerverwekkende stoffen	: None of the components are listed
SZW-lijst van mutagene stoffen	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Borstvoeding	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Ontwikkeling	: None of the components are listed
Denmark	
Classification remarks Danish National Regulations	 Emergency management guidelines for the storage of flammable liquids must be followed Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information	
Data sources	: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
Other information	: None.

Full text of H- and EUH-phrases:			
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4		
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard Category 1		
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard Category 2		
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard Category 3		
Asp. Tox. 1	Aspiration hazard Category 1		
EUH208	Contains Eugenol. May produce an allergic reaction.		
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2		
Flam. Liq. 3	Flammable liquids Category 3		
H226	Flammable liquid and vapor.		
H302	Harmful if swallowed.		
H304	May be fatal if swallowed and enters airways.		
H315	Causes skin irritation.		
H317	May cause an allergic skin reaction.		
H319	Causes serious eye irritation.		
H400	Very toxic to aquatic life.		
H411	Toxic to aquatic life with long lasting effects.		
H412	Harmful to aquatic life with long lasting effects.		
Skin Irrit. 2	Skin corrosion/irritation Category 2		
Skin Sens. 1B	Skin sensitization, Category 1B		

The classification complies with

: ATP 12

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.