Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878



#### 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 : ALMOND & MARZIPAN CC-13091 5% in DPG

: CC-13091\_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

: Industrial For professional use only : Perfumes, fragrances

: Odour agents

#### 1.2.2. Uses advised against

Use of the substance/mixture

Function or use category

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]

Not classified

#### Adverse physicochemical, human health and environmental effects

No additional information available

#### **2.2. Label elements**

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

EUH-statements

: EUH208 - Contains Aldehyde C-16, Eugenol. May produce an allergic reaction. EUH210 - Safety data sheet available on request.

#### 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 %

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

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3.2. Mixtures				
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
benzaldehyde substance with national workplace exposure limit(s) (BG, FI, HU, LT, LV, PL)	CAS-No.: 100-52-7 EC-No.: 202-860-4 EC Index-No.: 605-012-00-5 REACH-no: 01-2119455540- 44	0.9 – 1.8	Acute Tox. 4 (Oral), H302	
Aldehyde C-16	CAS-No.: 77-83-8 EC-No.: 201-061-8 REACH-no: 01-2119967770- 28	0.13 – 0.26	Skin Sens. 1B, H317 Aquatic Chronic 2, H411	
Eugenol	CAS-No.: 97-53-0 EC-No.: 202-589-1 REACH-no: 01-2119971802- 33	0.065 – 0.125	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Sens. 1B, H317	

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 effects, 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 medical attention and special treatment needed				

No additional information available

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media Unsuitable extinguishing media	<ul><li>Foam. Dry powder. Carbon dioxide. Water spray. Sand.</li><li>Do not use a heavy water stream.</li></ul>
5.2. Special hazards arising from the subs	stance or mixture
No additional information available	
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 the environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

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SECTION 6: Accidental release measures		
6.1. Personal precautions, protective equip	ment 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 Section 8. Exposure controls and personal prote	ection.	

SECTION 7: Handling and storage							
7.1. Precautions for safe handling							
Precautions for safe handling			when leaving		•	water before eatin in process area to	
7.2. Conditions for safe storage, include	ing any	v incompati	bilities				
Storage conditions Incompatible products Incompatible materials	:	container clo Strong bases	the original co sed when not s. Strong acids gnition. Direct s	in use.	l, well ventilated	l place away from	i : 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	:	LGK 2A, LGI	GK 4.3, LGK 5 K 2B, LGK 3, L	GK 4.1B, LGK 4		LGK 5.1B, LGK 5 0, LGK 11, LGK <sup>7</sup>	
Switzerland							
Storage class (LK)	:	LK 10/12 - Li	quids				
7.3. Specific end use(s)							

No additional information available

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### **SECTION 8: Exposure controls/personal protection** 8.1. Control parameters 8.1.1 National occupational exposure and biological limit values benzaldehyde (100-52-7) **Bulgaria - Occupational Exposure Limits** OEL TWA 5 mg/m<sup>3</sup> **Finland - Occupational Exposure Limits** HTP (OEL TWA) 4.4 mg/m<sup>3</sup> 1 ppm HTP (OEL C) 17.4 mg/m<sup>3</sup> 4 ppm **Hungary - Occupational Exposure Limits** 5 mg/m<sup>3</sup> AK (OEL TWA) CK (OEL STEL) 10 mg/m<sup>3</sup> Latvia - Occupational Exposure Limits OEL TWA 5 mg/m<sup>3</sup> Lithuania - Occupational Exposure Limits IPRV (OEL TWA) 5 mg/m<sup>3</sup> **Poland - Occupational Exposure Limits** NDS (OEL TWA) 10 mg/m<sup>3</sup> NDSCh (OEL STEL) 40 mg/m<sup>3</sup>

#### 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.

Personal protective equipment symbol(s):



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#### 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
Colour	: Conforms to standard.
Odour	: characteristic.
Odour 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
Decomposition temperature	: Not available
рН	: Not available
Viscosity, kinematic	: Not available
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: Not available
Relative vapour 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 reactivity

#### 10.1. Reactivity

No additional information available

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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 (oral): Not classifiedAcute toxicity (dermal): Not classifiedAcute toxicity (inhalation): Not classified		
benzaldehyde (100-52-7)		
LD50 oral rat	1292 mg/kg (Source: JAPAN_GHS)	
LD50 dermal rabbit	> 1250 mg/kg (Source: JAPAN_GHS)	
LC50 Inhalation - Rat	< 5 mg/l/4h	
Aldehyde C-16 (77-83-8)		
LD50 oral rat	5470 mg/kg (Source: NLM_CIP)	
LD50 dermal rat	> 2000 mg/kg (Source: ECHA_API)	
Eugenol (97-53-0)		
LD50 oral rat	1930 mg/kg (Source: NZ_CCID)	
LD50 oral	2500 mg/kg bodyweight	
LC50 Inhalation - Rat	> 2.58 mg/l/4h	
Additional information:Serious eye damage/irritation:Additional information:Respiratory or skin sensitisation: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	
Eugenol (97-53-0)		
IARC group	3 - Not classifiable	
Additional information:STOT-single exposure:Additional information:	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	

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Additional information Aspiration hazard Additional information	<ul> <li>Based on available data, the classification criteria are not met</li> <li>Not classified</li> <li>Based on available data, the classification criteria are not met</li> </ul>
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	: Based on available data, the classification criteria are not met

## **SECTION 12: Ecological information**

12.1. Toxicity	
(acute)	Not classified
benzaldehyde (100-52-7)	
LC50 - Fish [1]	10.6 – 11.8 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through] Source: EPA)
LC50 - Fish [2]	12.69 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: IUCLID)
Aldehyde C-16 (77-83-8)	
LC50 - Fish [1]	4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static] Source: ECHA)
Eugenol (97-53-0)	
LC50 - Fish [1]	13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)

## 12.2. Persistence and degradability

ALMOND & MARZIPAN CC-13091 5% in DPG		
Persistence and degradability	Not established.	
benzaldehyde (100-52-7)		
Persistence and degradability	Rapidly degradable	
Aldehyde C-16 (77-83-8)		
Persistence and degradability	Rapidly degradable	
Eugenol (97-53-0)		
Persistence and degradability	Rapidly degradable	
12.3. Bioaccumulative potential		
ALMOND & MARZIPAN CC-13091 5% in DPG		
Bioaccumulative potential	Not established.	
benzaldehyde (100-52-7)		
BCF - Fish [1]	(no significant bioaccumulation)	
Partition coefficient n-octanol/water (Log Pow)	1.4 (at 25 °C)	

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Aldehyde C-16 (77-83-8)		
Partition coefficient n-octanol/water (Log Pow)	2.4 (at 25 °C (cis isomer)	
Eugenol (97-53-0)		
Partition coefficient n-octanol/water (Log Pow)	1.83 (at 30 °C (at pH 5.5)	
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		
13.1. Waste treatment methods		

Product/Packaging disposal recommendations Ecological information Dispose in a safe manner in accordance with local/national regulations.Avoid release to the environment.

## SECTION 14: Transport information

#### In accordance with ADR / IMDG / 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 shipping	g name	· · ·	·	
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard o	lass(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

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Transport by sea Not applicable

Air transport Not applicable

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#### Inland waterway transport

Not applicable

## Rail transport

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

### **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(b)	benzaldehyde ; Aldehyde C-16 ; Eugenol	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)	Aldehyde C-16	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		

#### **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)

#### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control 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)

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#### 15.1.2. National regulations

#### France

Occupational diseases				
Code Descript	Description			
hydroca alcohols dimethyl	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide			
Germany				
Water hazard class (WGK)	: WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1).			
Hazardous Incident Ordinance (12. B	mSchV) : Is not subject to the Hazardous Incident Ordinance (12. BImSchV)			
letherlands				
ABM category	: B(4) - low hazard for aquatic organisms			
SZW-lijst van kankerverwekkende sto	fen : 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 – /ruchtbaarheid	: None of the components are listed			
SZW-lijst van reprotoxische stoffen –	Dntwikkeling : None of the components are listed			
Denmark				
Classification remarks	: Emergency management guidelines for the storage of flammable liquids must be follower			
Danish National Regulations	: Pregnant/breastfeeding women working with the product must not be in direct contact wit 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, labelling 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-statements:		
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2	
EUH208	Contains Aldehyde C-16, Eugenol. May produce an allergic reaction.	
EUH210	Safety data sheet available on request.	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
H302	Harmful if swallowed.	
H317	May cause an allergic skin reaction.	
H319	Causes serious eye irritation.	
H411	Toxic to aquatic life with long lasting effects.	
Skin Sens. 1B	Skin sensitisation, 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.