Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Issue date: 9/25/2020



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

1.1. Product identifier

Product form : Mixture

Product name : Pumpkin Picking CC-13103 UFI : H6VC-C2HR-V00H-189V

Product code : CC-13103

Type of product : Perfumes, fragrances : Finished Good Product group

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

1.2.1. Relevant identified uses

Main use category : Professional use, Industrial use

Industrial/Professional use spec : Industrial

For professional use only

Use of the substance/mixture : Perfumes, fragrances 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

: 1-800-255-3924; +01-813-248-0585; China:+400-120-0751; Mexico:+01-800-099-0731; **Emergency number**

Brazil: +0-800-591-6042; India: +000-800-100-4086

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

H315 Skin corrosion/irritation, Category 2 Serious eye damage/eye irritation, Category 2 H319 Skin sensitisation, Category 1 H317 Carcinogenicity, Category 1A Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412

Full text of H statements: see section 16

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

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

Hazard pictograms (CLP)





GHS07

GHS08

Signal word (CLP) : Danger

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Hazardous ingredients : Cinnamic aldehyde; Eugenol; Coumarin crystals; Heliotropine crystals; Amyl cinnamic

aldehyde; acetyl propionyl; Cinnamon leaf oil; Nutmeg Oil

Hazard statements (CLP) : H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H350 - May cause cancer.

H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) : P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P264 - Wash hands, forearms and face thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing

protection.

2.3. Other hazards

No additional information available

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]
Cinnamic aldehyde	(CAS-No.) 104-55-2 (EC-No.) 203-213-9 (REACH-no) 01-2119935242-45	5.95 – 11.9	Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Eugenol	(CAS-No.) 97-53-0 (EC-No.) 202-589-1	2.175 – 4.35	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Ethyl vanillin crystals	(CAS-No.) 121-32-4 (EC-No.) 204-464-7 (REACH-no) 01-211958961-24	1.75 – 3.5	Eye Irrit. 2, H319
Coumarin crystals	(CAS-No.) 91-64-5 (EC-No.) 202-086-7 (REACH-no) 01-2119943756-26	1.325 – 2.65	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Sens. 1, H317 Aquatic Chronic 2, H411
Phenylethyl alcohol	(CAS-No.) 60-12-8 (EC-No.) 200-456-2 (REACH-no) 01-2119963921-31	0.95 – 1.9	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319
Terpineol	(CAS-No.) 8000-41-7 (EC-No.) 232-268-1	0.625 – 1.25	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Anisic aldehyde	(CAS-No.) 123-11-5 (EC-No.) 204-602-6 (REACH-no) 01-2119977101-43	0.5 – 1	Aquatic Chronic 3, H412
Heliotropine crystals	(CAS-No.) 120-57-0 (EC-No.) 204-409-7 (REACH-no) 01-2119983608-21	0.425 – 0.85	Skin Sens. 1B, H317
Amyl cinnamic aldehyde	(CAS-No.) 122-40-7 (EC-No.) 204-541-5;453-530-3	0.35 – 0.7	Skin Sens. 1B, H317 Aquatic Chronic 2, H411

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acetyl propionyl	(CAS-No.) 600-14-6 (EC-No.) 209-984-8	0.175 – 0.35	Flam. Liq. 2, H225 Eye Dam. 1, H318 Skin Sens. 1B, H317 STOT RE 2, H373
Cinnamon leaf oil	(CAS-No.) 8015-91-6 (EC-No.) 283-479-0 (REACH-no) 01-2119487278-23	0.1 – 0.2	Eye Irrit. 2, H319 Skin Sens. 1, H317 Muta. 2, H341 Carc. 1A, H350 Aquatic Chronic 3, H412
Nutmeg Oil	(CAS-No.) 8008-45-5 (EC-No.) 282-013-3;616-921-1	0.075 – 0.15	Flam. Liq. 3, H226 Skin Sens. 1, H317 Muta. 2, H341 Carc. 1B, H350 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

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6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the

product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

acetyl propionyl (600-14-6)		
Germany - Occupational Exposure Limits (TRGS 900)		
Occupational exposure limit value (mg/m³)	0.083 mg/m³	
Occupational exposure limit value (ppm)	0.02 ppm	
Chemical category	Skin notation, Skin sensitization	
Slovenia - Occupational Exposure Limits		
OEL TWA (mg/m³)	0.083 mg/m³	
OEL TWA (ppm)	0.02 ppm	
OEL STEL (mg/m³)	0.083 mg/m³	
OEL STEL (ppm)	0.02 ppm	
OEL chemical category (SI)	Potential for cutaneous absorption	
Switzerland - Occupational Exposure Limits		
MAK (mg/m³)	0.08 mg/m³	
MAK (ppm)	0.02 ppm	
KZGW (mg/m³)	0.16 mg/m³	
KZGW (ppm)	0.04 ppm	
OEL chemical category (CH)	Sensitizer, Skin notation	

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

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Hand protection:		
Protective gloves		

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : light yellow. amber. Odour : characteristic. Odour threshold : No data available : No data available рΗ Relative evaporation rate (butylacetate=1) : No data available Melting point : Not applicable Freezing point : No data available Boiling point : No data available

Flash point : 92 °C (closed cup) ASTM D7094

Auto-ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : Not applicable
Vapour pressure : No data available
Relative vapour density at 20 °C : No data available

Relative density : ≈ 0.99

Solubility : No data available
Partition coefficient n-octanol/water (Log Pow) : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : No data available
Oxidising properties : No data available
Explosive limits : No data available

9.2. Other information

No additional information available

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SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Cinnamic aldehyde (104-55-2)	
LD50 oral rat	2220 mg/kg
LD50 oral	2500 mg/kg bodyweight
LD50 dermal rabbit	1260 mg/kg
LD50 dermal	1100 mg/kg bodyweight

Eugenol (97-53-0)	
LD50 oral rat	1930 mg/kg
LD50 oral	2500 mg/kg bodyweight

Ethyl vanillin crystals (121-32-4)	
LD50 oral rat	1590 mg/kg
LD50 oral	3000 mg/kg bodyweight

Coumarin crystals (91-64-5)	
LD50 oral rat	> 5000 mg/kg
LD50 oral	500 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg

Phenylethyl alcohol (60-12-8)	
LD50 oral rat	1609 mg/kg

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LD50 oral	1610 mg/kg bodyweight
LD50 dermal rabbit	2535 mg/kg
LD50 dermal	2500 mg/kg bodyweight
LC50 Inhalation - Rat	> 4.63 mg/l/4h

Terpineol (8000-41-7)	
LD50 oral rat	2900 mg/kg
LD50 oral	4300 mg/kg bodyweight
LD50 dermal rabbit	> 3000 mg/kg

Anisic aldehyde (123-11-5)	
LD50 oral rat	> 2000 mg/kg
LD50 oral	3210 mg/kg bodyweight
LD50 dermal rabbit	> 5000 mg/kg
LC50 Inhalation - Rat	> 0.32 mg/l (Exposure time: 7 h)

Heliotropine crystals (120-57-0)	
LD50 oral rat	2700 mg/kg
LD50 oral	2700 mg/kg bodyweight

Amyl cinnamic aldehyde (122-40-7)	
LD50 oral rat	3730 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

acetyl propionyl (600-14-6)	
LD50 oral rat	3 g/kg
LD50 oral	3000 mg/kg bodyweight
LD50 dermal	2500 mg/kg bodyweight

Cinnamon leaf oil (8015-91-6)	
LD50 oral rat	2650 mg/kg
LD50 oral	2650 mg/kg bodyweight

Nutmeg Oil (8008-45-5)	
LD50 oral rat	2620 mg/kg
LD50 dermal rabbit	> 10 g/kg

: Causes skin irritation. Skin corrosion/irritation Serious eye damage/irritation : Causes serious eye irritation. Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified Carcinogenicity : May cause cancer.

Eugenol (97-53-0)	
IARC group	3 - Not classifiable

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Coumarin crystals (91-64-5)	ımarin crystals (91-64-5)	
IARC group	3 - Not classifiable	
Reproductive toxicity :	Not classified	
STOT-single exposure :	Not classified	
STOT-repeated exposure :	Not classified	

: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Aspiration hazard

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse

effects in the environment. : Not classified

Hazardous to the aquatic environment, short-term

(acute)

Hazardous to the aquatic environment, long-term

(chronic)

: Harmful to aquatic life with long lasting effects.

Eugenol (97-53-0)	
LC50 fish 1	13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])

Ethyl vanillin crystals (121-32-4)	
LC50 fish 1	81.4 – 94.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])

Phenylethyl alcohol (60-12-8)	
EC50 Daphnia 1	287.17 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h algae (1)	490 mg/l (Species: Desmodesmus subspicatus)

Heliotropine crystals (120-57-0)	
LC50 fish 1	2.5 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [static])

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Cinnamic aldehyde (104-55-2)	
Partition coefficient n-octanol/water (Log Pow)	2.22 (at 18 °C)

Phenylethyl alcohol (60-12-8)	
Partition coefficient n-octanol/water (Log Pow)	1.38 (at 25 °C)

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

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12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR) : Not applicable UN-No. (IMDG) : Not applicable UN-No. (IATA) : Not applicable UN-No. (ADN) : Not applicable UN-No. (RID) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable
Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

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Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

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

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:		
Reference code	Applicable on	
3(b)	Cinnamic aldehyde ; Eugenol ; Phenylethyl alcohol ; Terpineol	
3(c)	Anisic aldehyde	

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

Germany

Employment	restrictions
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Water hazard class (WGK)

Hazardous Incident Ordinance (12. BlmSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen

SZW-lijst van mutagene stoffen

NIET-limitatieve lijst van voor de voortplanting giftige stoffen - Borstvoeding

NIET-limitatieve lijst van voor de voortplanting giftige stoffen - Vruchtbaarheid

NIET-limitatieve lijst van voor de voortplanting giftige stoffen - Ontwikkeling

Denmark

Class for fire hazard Store unit

Classification remarks

Danish National Regulations

: Observe restrictions according Act on the Protection of Working Mothers (MuSchG) Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)

: WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1) : Is not subject of the Hazardous Incident Ordinance (12. BlmSchV)

: Terpineol, Cinnamon leaf oil are listed : Terpineol, Cinnamon leaf oil are listed

: None of the components are listed

: None of the components are listed

: None of the components are listed

: Class III-1

: 50 liter

: Flammable according to the Danish Ministry of Justice; Emergency management guidelines for the storage of flammable liquids must be followed

: Young people below the age of 18 years are not allowed to use the product

Pregnant/breastfeeding women working with the product must not be in direct contact with the product

The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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SECTION 16: Other information

Abbreviations and acronyms:		
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ATE	Acute Toxicity Estimate	
BLV	Biological limit value	
CAS-No.	Chemical Abstract Service number	
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008	
DMEL	Derived Minimal Effect level	
DNEL	Derived-No Effect Level	
EC50	Median effective concentration	
EC-No.	European Community number	
EN	European Standard	
IATA	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
LC50	Median lethal concentration	
LD50	Median lethal dose	
LOAEL	Lowest Observed Adverse Effect Level	
NOAEC	No-Observed Adverse Effect Concentration	
NOAEL	No-Observed Adverse Effect Level	
NOEC	No-Observed Effect Concentration	
OEL	Occupational Exposure Limit	
PBT	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
vPvB	Very Persistent and Very Bioaccumulative	
WGK	Water Hazard Class	

Full text of H- and EUH-statements:		
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3	
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3	
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
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	
Carc. 1A	Carcinogenicity, Category 1A	

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Carc. 1B	Carcinogenicity, Category 1B
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Muta. 2	Germ cell mutagenicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H341	Suspected of causing genetic defects.
H350	May cause cancer.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

SDS EU (REACH Annex II)

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.