

Fragrance ingredients restricted as potential allergens in candle perfume according to EU provision 1223/2009

candle perfume item number: 13570-401-1

CAS#	Ingredient Name	Total % in fragrance (calculated) (Direct addition and indirect addition from naturals / synthetics)
100-51-6	BENZYL ALCOHOL	0,026
101-85-9	AMYL CINNAMYL ALCOHOL	-
101-86-0	HEXYL CINNAMAL	-
103-41-3	BENZYL CINNAMATE	-
104-54-1	CINNAMYL ALCOHOL	-
104-55-2	CINNAMAL	0,019
105-13-5	ANISE ALCOHOL	-
106-22-9	CITRONELLOL	-
106-24-1	GERANIOL	-
107-75-5	HYDROXYCITRONELLAL	-
111-12-6	METHYL 2-OCTYNOATE	-
118-58-1	BENZYL SALICYLATE	0,019
120-51-4	BENZYL BENZOATE	87,626
122-40-7	AMYL CINNAMAL	-
127-51-5	ALPHA-ISOMETHYL IONONE	-
31906-04-4	HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE	-
4602-84-0	FARNESOL	-
5392-40-5	CITRAL	0,019
5989-27-5	D-LIMONENE	-
78-70-6	LINALOOL	-
80-54-6	BUTYLPHENYL METHYLPROPIONAL	-
90028-67-4	EVERNIA FURFURACEA (TREE MOSS) EXTRACT	-
90028-68-5	EVERNIA PRUNASTRI (OAK MOSS) EXTRACT	-
91-64-5	COUMARIN	-
97-53-0	EUGENOL	0,010
97-54-1	ISOEUGENOL	-

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4/20/2023

To whom it may concern

4/20/2023

Conformity declaration

We herewith confirm that the fragrance with item number **13570-401-1** complies with the requirements of the Code of Practice of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA - 50th amendment / published June 2021), provided it used in following application (class) at a maximum concentration level of:

Combined IFRA category (*)	Maximum level of use (%) (w/w)
Category 1	0,00
Category 2	1,59
Category 3	0,46
Category 4	5,47
Category 5A	4,90
Category 5B	0,23
Category 5C	0,94
Category 5D	0,07
Category 7A	0,46
Category 7B	0,46
Category 8	0,07
Category 9	2,16
Category 10A	2,16
Category 10B	13,69
Category 11A	0,07
Category 11B	0,07
Category 12	100,00

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ANNEX: Definition of IFRA categories

Finished product types

Children's toys // Lip products of all types (solid and liquid lipsticks, balms, clear or colored, etc...)	Category 1
Deodorant and antiperspirant products of all types including fragranced body sprays and body mists	Category 2
Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, etc...) // Women's make-up (Foundation) // Make-up removers of all types // Nose pore strips // Wipes or refreshing tissues for face, neck, hands, body // Body paint (for children and adults) // Facial masks (facial treatment)	Category 3
Hydroalcoholic and non-hydroalcoholic fine fragrance of all types (Eau de toilette, Parfum, Eau de Cologne, solid perfume, fragrancing cream, Aftershave alcoholic etc...) // Fragranced bracelets // Ingredients of perfume kits and fragrance mixtures for cosmetic kits // Scent pads, Foil packs // Scent strips for hydroalcoholic products	Category 4
Body creams, oils, lotions of all types (except baby cream, lotion, oil) // Foot care products (creams & powders) // Insect repellent intended to be applied on the skin // All powders and talcs (except baby powders and talcs)	Category 5A
Facial creams, toner and moisturizers	Category 5B
Hand cream // Nail care products (including cuticle creams, etc...) // Hand sanitizers	Category 5C
Baby lotion, cream, oil, powder/talc	Category 5D
Mouthwash including breath sprays, tablets and strips // Toothpaste and toothpowder	Category 6
Rinse-off hair permanent or other hair chemical treatments (e.g. relaxers) including hair dyes	Category 7A
Hair sprays // Hair styling aids of all types (mousse, gels, leave in conditioners) // Dry shampoo or waterless shampoo // Hair deodorant // Leave on hair permanent or other hair chemical treatments (e.g. relaxers) including hair dyes	Category 7B
Intimate wipes // Tampons // Baby wipes // Wet toilet paper	Category 8
Bar soap // Shampoo // Face washes, gels, scrubs // Conditioner (rinse-off) // Liquid soap // Body wash and shower gels // Bath gels, foams, mousses, salts, oils // Baby wash, bath, shampoo // Footcare products (feet are placed in a bath for soaking) // Shaving creams // Depilatory (including facial) // Waxes for mechanical hair removal // Shampoos for pets	Category 9
Hand wash laundry detergent // Laundry pre-treatment (all types) // Hand dishwashing detergent // Hard surface cleaner (all types) // Machine laundry detergents with skin contact (e.g. liquids, powders) // Dry cleaning kits // Toilet seat wipes // Fabric softeners (liquids and dryer sheets) // Other household cleaning products (fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes (sprays and wipes), leather cleaning wipes, starch sprays, stain removers, fabric enhancing sprays, treatment products for textiles including deodorizer) // Floor wax // Fragranced oil for lamp rings, reed diffusers, potpourri, etc... // Ironing water	Category 10A
Air fresheners sprays, including aerosol and pump // Insecticides aerosol or sprays // Sprays (of all types) applied to animals	Category 10B
Feminine hygiene conventional pads, interlabial pads // Feminine hygiene liners // Diapers (baby and adult) // Adult incontinence pant, pad // Toilet paper (dry)	Category 11A
Tights with moisturizers // Scented socks, gloves // Facial tissues (dry tissues) // Napkins // Paper towels // Wheat bags // Fragranced facemasks (paper/protective, not intended for use as a medical device)	Category 11B
Air delivery systems // Air Fresheners and fragrancing of all types (excluding aerosols listed in category 10), e.g. plug-ins and enclosed liquid refills, solid substrate, membrane delivery, electrical, powders, fragrancing sachets, incense, air freshening crystals, automated sprays(including concentrated aerosols with metered doses [range 0.05-0.5 mL/spray]), closed air fresheners // Candles of all types (including encased) // Cat litter // Deodorizers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders) // Fuels //Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosol/spray // Joss sticks or incense sticks // Laundry detergents with minimal skin contact (e.g. pods) // Machine dishwash detergent and deodorizer // Paints // Plastic articles (excluding toys) // "Scratch and sniff" (sampling technology) // Scent pack // Scent delivery system using a dry air technology // Shoe polishes // Toilet blocks // Olfactive board games	Category 12

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

Item number/ Trade name **13570-401-1**
Version/ Issue date: **7 / 08/31/2023**

Print date **10/26/2023**
Page **1 of 9**

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

1.1 Product identifier

Item number/ Trade name fragrance composition
13570-401-1
FESTIVE GINGERBREAD 2

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

General use Perfumes, fragrances, Formulation of fragranced products

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

Aquatic Acute 1; H400 Very toxic to aquatic life.
Aquatic Chronic 2; H411 Toxic to aquatic life with long lasting effects.
Asp. Tox. 1; H304 May be fatal if swallowed and enters airways.

2.2 Label elements



Signal word

Danger

Nature of Hazard

GHS08 Health hazard
GHS09 Environment

Hazard statements

H304 May be fatal if swallowed and enters airways.
H400 Very toxic to aquatic life.

Safety precautions

H411 Toxic to aquatic life with long lasting effects.
P331 Do not induce vomiting.
P405 Store locked up.
P501 Dispose of contents/container to hazardous waste.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/###.
P273 Avoid release to the environment.
P391 Collect spillage.

Hazard components for labelling

Cinnamaldehyde
Alkanes, C10-13-iso-
2-Hydroxy-3-methylcyclopent-2-en-1-one

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

Item number/ Trade name **13570-401-1**

Version/ Issue date:

7 / 08/31/2023

Print date **10/26/2023**

Page **2 of 9**

Special provisions concerning the labelling of certain mixtures

EUH208 Contains Zimtaldehyd (104-55-2); 2-Hydroxy-3-methylcyclopent-2-en-1-one (765-70-8 80-71-7). May produce an allergic reaction.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulating and toxic (PBT) or very persistent and very bioaccumulating (vPvB) at levels of 0.1% or higher. The substance/mixture does not contain any ingredients with endocrine disrupting properties that are listed under REACH Article 57(f) (or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605) at levels of 0.1% or more.

SECTION 3: Composition/information on ingredients

3.1 Substances

3.2 Mixtures

Hazardous ingredients

2-Hydroxy-3-methylcyclopent-2-en-1-one

: 0,1 % - 0,99 %

CAS-Number: 765-70-8

80-71-7

EINECS / ELINCS / NLP: 212-154-8

201-303-2

Classification according to EC regulation 1272/2008 (CLP):

Acute Tox. 4; H302 / Skin Sens. 1; H317

Cinnamaldehyde: 0,01 % - 0,09 %

CAS-Number: 104-55-2

EINECS / ELINCS / NLP: 203-213-9

REACH registration No.: 01-2119935242-45

Classification according to EC regulation 1272/2008 (CLP):

Acute Tox. 4; H312 / Aquatic Chronic 3; H412 / Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1A; H317

Benzyl benzoate: 75 % - 100 %

CAS-Number: 120-51-4

EU index number: 607-085-00-9

EINECS / ELINCS / NLP: 204-402-9

REACH registration No.: 01-2119976371-33-XXXX

Classification according to EC regulation 1272/2008 (CLP):

Acute Tox. 4; H302 / Aquatic Acute 1; H400 / Aquatic Chronic 2; H411

Alkanes, C10-13-iso-: 10 % - 24,99 %

CAS-Number: 68551-17-7

EINECS / ELINCS / NLP: 271-366-9

REACH registration No.: 01-2119472146-39

Classification according to EC regulation 1272/2008 (CLP):

Asp. Tox. 1; H304 / Flam. Liq. 3; H226

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

Item number/ Trade name
Version/ Issue date:

13570-401-1

7 / 08/31/2023

Print date
Page

10/26/2023

3 of 9

SECTION 4: First aid measures

4.1 Description of first aid measures

General information	Remove affected person from the danger area and lay down. Do not leave affected person unattended. Show this safety data sheet to the doctor in attendance.
In case of inhalation	If unconscious but breathing normally, place in recovery position and seek medical advice. Seek medical aid in case of troubles.
In case of skin contact	Thoroughly clean the contaminated area with water.
After eye contact	Remove contact lenses, if any. Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently seek the immediate attention of an ophthalmologist.
After swallowing	Keep airway open. Never give anything by mouth to an unconscious person. Seek medical treatment in case of troubles.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	No data available
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4.3 Indication of any immediate medical attention and special treatment needed

Information to physician	No data available
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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	dry extinguishing powder, Alcohol resistant foam , Carbon dioxide (CO ₂) , water mist
Extinguishing media which must not be used for safety reasons	Full water jet

5.2 Special hazards arising from the substance or mixture

Possible combustion products	May form dangerous gases and vapours in case of fire.
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5.3 Advice for firefighters

Special protective equipment for firefighters	
Additional information	Do not allow water used to extinguish fire to enter drains, ground or waterways. +25°C.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.2 environmental precautions

Do not allow to penetrate into soil, waterbodies or drains. Leads to irritation of the mucous membranes.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and place in closed containers for disposal.

6.4 Reference to other sections

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

Item number/ Trade name
Version/ Issue date:

13570-401-1

7 / 08/31/2023

Print date
Page

10/26/2023

4 of 9

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling

Avoid exposure - obtain special instructions before use. Do not breathe vapours. Avoid contact with skin, eyes, and clothing. When using do not eat, drink, smoke, sniff. Ensure all waste water is collected and treated via a waste water treatment plant. Personal protection equipment: see section 8

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers

Keep container tightly closed in a cool, well-ventilated place. Protect from light. Do not store together with food.

Storage class

10

7.3 Specific end use(s)

General use

Perfumes, fragrances, Formulation of fragranced products

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls

Respiratory protection

Avoid exceeding WEL threshold levels. Respiratory protection must be worn whenever the WEL levels have been exceeded. Filter Typ ABEK gemäß EN 14387 benutzen. Provide good ventilation and/or an exhaust system in the work area.

Hand protection

breakthrough time Short-term, accidental skin contact: Breakthrough time 10 min
In case of prolonged or frequently repeated skin contact: If direct skin contact with the chemical is expected during work, then gloves conforming to EN 16523-1/ASTM F739 (or equivalent local standard) with a breakthrough time at least equal to the contact time must be worn. Breakthrough time: Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection

Use safety glasses conforming to EN 166/ANSI Z87.1 or equivalent local standards.

Body protection

EN 143. When handling larger quantities: face protection, rubber boots and rubber apron.

General protection and hygiene measures

Wash hands before breaks and immediately after using the product. Wash contaminated clothing prior to re-use.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

Item number/ Trade name **13570-401-1**
Version/ Issue date:

7 / 08/31/2023

Print date **10/26/2023**
Page **5 of 9**

SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Form liquid
Colour yellowish
Odour characteristic

Important health, safety and environmental information

	min	max		
Melting point/freezing point	< 20 °C	---		
Initial boiling point and boiling range	---	---		
Flammability			---	
Explosion limits	---	---		
Flash point/flash point range	63 °C c.c.	---		
Ignition temperature	---	---		
PH	---	---	---	---
Viscosity	---	---	---	---
		10 m ² /s	---	---
Solubility	---		---	---
Partition coefficient: n-octanol/water	---			---
Vapour pressure	0 hPa	---	20 °C	---
Density and/or relative density	0,873 g/cm ³	---	20 °C	---
Relative vapour density	---	---		---
Bulk density	---	---	---	
Flow time 4mm (DIN)	---			
Water solubility	---			

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity No data available

10.2 Chemical stability No data available

10.3 Possibility of hazardous reactions Electrical installations must be suitable for temperature class T2.

10.4 Conditions to avoid No data available

10.5 Incompatible materials No data available

10.6 Hazardous decomposition products No data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

General remarks

No data available

Toxicological tests: components

2-Hydroxy-3-methylcyclopent-2-en-1-one

oral	LD50	1067.0	mg/kg	-
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Rat

Toxicological tests: components

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

Item number/ Trade name **13570-401-1**

Print date **10/26/2023**

Version/ Issue date: **7 / 08/31/2023**

Page **6 of 9**

Cinnamaldehyde

oral	LD50	2200.0	mg/kg	-
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Rat

Toxicological tests: components

Benzyl benzoate

oral	LD50	2000.0	mg/kg	-
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Rat

dermal	LD50	4000.0	mg/kg	-
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Rabbit

11.2 Information on other hazards

Endocrine disrupting properties

The substance/mixture does not contain any ingredients with endocrine disrupting properties that are listed under REACH Article 57(f) (or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605) at levels of 0.1% or more.

Further details

No data available

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

No data available

12.2 Persistence and degradability

Evaluation text

No data available

Degree of elimination

No data available

Analytical method

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulating and toxic (PBT) or very persistent and very bioaccumulating (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

The substance/mixture does not contain any ingredients with endocrine disrupting properties that are listed under REACH Article 57(f) (or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605) at levels of 0.1% or more.

12.7 Other adverse effects

An environmental hazard cannot be ruled out in the event of improper handling or disposal. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

Item number/ Trade name **13570-401-1**
Version/ Issue date:

7 / 08/31/2023

Print date **10/26/2023**
Page **7 of 9**

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Recommendation Discharge into the environment must be avoided. C15H30O2 Dispose of contents/container in accordance with local/regional/national/international regulation.

Package

Recommendation Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

14.1 UN number

ADR, IATA, IMDG UN3082

14.2 UN proper shipping name

Product designation: ADR/RID Environmentally hazardous substance, liquid n.o.s.
Proper shipping name: IATA-DGR Environmentally hazardous substance, liquid, n.o.s. (Benzyl benzoate)
Proper shipping name: IMDG Environmentally hazardous substance, liquid, n.o.s. (Benzyl benzoate)

14.3 Transport hazard class(es)

Class ADR/RID 9
Classification code M6
ADR/RID
Class IATA-DGR 9
Subrisk IATA-DGR ---
Class IMDG 9
Subrisk IMDG ---

14.4 Packing group

ADR, IATA, IMDG III

14.5 Environmental hazards

Marine Pollutant - IMDG MARINE POLLUTANT
EmS F-A, S-F
Stowage and segregation Stowage Category A

14.6 Special precautions for user

14.7 Maritime transport in bulk according to IMO instruments

Additional information

EQ E1
Limited quantities 5L
Special Provisions ADR: 274, 335, 375, 601
IMDG: 274, 335, 969
IATA: A97, A158, A197
Tunnel restriction (-)
Transport category 3
Kemmler-number 90

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

Item number/ Trade name **13570-401-1**
Version/ Issue date:

7 / 08/31/2023

Print date **10/26/2023**
Page **8 of 9**

SECTION 15: Regulatory information

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

National regulations

Germany

Storage class	10
Water Hazard Class	2
Incident regulation	E1 Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1
Information on working limitations	---

15.2 Chemical Safety Assessment

Chemical Safety Assessment	---
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SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

Item number/ Trade name **13570-401-1**

Print date **10/26/2023**

Version/ Issue date: **7 / 08/31/2023**

Page **9 of 9**

SECTION 16: Other information

Hazard statements (CLP)

H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
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.

Reason of change ---

Abbreviations

--- no data, not determined or not applicable
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (Regulation (EC) No. 1907/2006)
OECD Organisation for Economic Co-operation and Development
LD50 Median lethal dose
LC50 Median lethal concentration
EC50 Median effective dose
IC50 Median inhibitory concentration
VCI Verband der chemischen Industrie
CAS Chemical Abstract Service
EINECS European Inventory of Existing Commercial Chemical Substances
ELINCS European List of Notified Chemical Substances
NLP No Longer Polymers
CLP Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging
EG European Union
WGK water hazard class (according to AwSV, Appendix 1 (5.2))
AGW Occupational Exposure Limit
ADR Accord Européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID Règlement concernant le transport international ferroviaire des marchandises dangereuses (Regulation on the international carriage of dangerous goods by rail)
IATA International Air Transport Association
IMDG International Maritime Dangerous Goods
MARPOL International Convention for the Prevention of Pollution From Ships (MARine POLLution)
EmS Emergency Schedules
PBT persistent, bioaccumulative and toxic
vPvB very persistent and very bioaccumulative