

SAFETY DATA SHEET

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

Item number/ Trade name **12448-435-4**
Version/Issue date: **14 / 01/16/2025**

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

1.1 Product identifier

Item number/ Trade name	fragrance composition 12448-435-4
UFI	Flower Shop GRF3-J1R5-A00T-12NK

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

General use Perfumes, fragrances, Formulation of fragranced products

1.3 Details of the supplier of the safety data sheet

Antwerp Luxury Candle Supplies
Oostmalsebaan 1c unit 5
2960 Brecht
BELGIUM

1.4 Emergency telephone number

Anti gif centrum 070 245 245

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP) Aquatic Chronic 2;
H411 Toxic to aquatic life with long lasting effects. Eye Dam. 1; H318 Causes serious eye damage.
Skin Irrit. 2; H315 Causes skin irritation.
Skin Sens. 1; H317 May cause an allergic skin reaction.

2.2 Label elements



Signal word

Danger

Nature of Hazard

GHS07 Exclamation mark
GHS05 Corrosion
GHS09 Environment

Hazard statements

H315 Causes skin irritation.
H318 Causes serious eye damage.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.

Safety precautions

P264 Wash affected areas thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection. P321 Specific treatment (see ### on this label).
P362 Take off contaminated clothing.
P302+P352 IF ON SKIN: Wash with plenty of water/soap. P332+P313 If skin irritation occurs: Get medical advice/attention.

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P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace. P363 Wash contaminated clothing before reuse.
P501 Dispose of contents/container to hazardous waste.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P273 Avoid release to the environment.
P391 Collect spillage.

Hazard components for labelling

3-p-Cumenyl-2-methylpropionaldehyde(103-95-7); Citronellol(106-22-9); 2-Benzylideneheptanal(122-40-7); Phenylacetaldehyde(122-78-1); 2-Phenoxyethanol(122-99-6); Methylionone(1335-46-2); Isocyclocitral(1335-66-6); 2,6,10-trimethylundec-9-enal(141-13-9); 2-Phenylethanol(60-12-8); 2,4-Dimethylcyclohex-3-ene-1-carbaldehyde(68039-49-6); Eugenol(97-53-0); alpha-Terpineol(98-55-5)

Special provisions concerning the labelling of certain mixtures

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-Phenylethanol: 10 % - 24,99 %
CAS-Number: 60-12-8
EINECS / ELINCS / NLP: 200-456-2
REACH registration No.: 01-2119963921-31
Classification according to EC regulation 1272/2008 (CLP): Acute
Tox. 4; H302 / Eye Irrit. 2; H319

2-Phenoxyethanol: 10 % - 24,99 %
CAS-Number: 122-99-6
EU index number: 603-098-00-9 EINECS /
ELINCS / NLP: 204-589-7
REACH registration No.: 01-2119488943-21
Classification according to EC regulation 1272/2008 (CLP): Acute
Tox. 4; H302 / Eye Dam. 1; H318 / STOT SE 3; H335

alpha-Terpineol: 10 % - 24,99 %
CAS-Number: 98-55-5
EINECS / ELINCS / NLP: 202-680-6
REACH registration No.: 01-2119980717-23
Classification according to EC regulation 1272/2008 (CLP): Eye
Irrit. 2; H319 / Skin Irrit. 2; H315

Pentyl salicylate: 3 % - 9,99 % CAS-
Number: 2050-08-0
EINECS / ELINCS / NLP: 218-080-2
REACH registration No.: 01-2119969444-27

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

Acute Tox. 4; H302 / Aquatic Acute 1; H400 (M = 1) / Aquatic Chronic 1; H410 (M = 1)

Benzyl acetate: 3 % - 9,99 % CAS-

Number: 140-11-4

EINECS / ELINCS / NLP: 205-399-7

REACH registration No.: 01-2119638272-42

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

Aquatic Chronic 3; H412

Citronellol: 3 % - 9,99 %

CAS-Number: 106-22-9

EINECS / ELINCS / NLP: 203-375-0

REACH registration No.: 01-2119453995-23-XXXX Classification

according to EC regulation 1272/2008 (CLP):

Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

2,4-Dimethylcyclohex-3-ene-1-carbaldehyde: 3 % - 9,99 %

CAS-Number: 68039-49-6

EINECS / ELINCS / NLP: 268-264-1

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

Aquatic Chronic 2; H411 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

2-Benzylideneheptanal: 3 % - 9,99 %

CAS-Number: 122-40-7

EINECS / ELINCS / NLP: 204-541-5

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

Aquatic Chronic 2; H411 / Skin Sens. 1B; H317

Isocyclocitral: 1 % - 2,49 %

CAS-Number: 1335-66-6

EINECS / ELINCS / NLP: 215-638-7

REACH registration No.: 01-2120120147-69

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

Aquatic Chronic 3; H412 / Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

3-p-Cumenyl-2-methylpropionaldehyde: 1 % - 2,49 %

CAS-Number: 103-95-7

EINECS / ELINCS / NLP: 203-161-7

REACH registration No.: 01-2119970582-32

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

Aquatic Chronic 3; H412 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Eugenol: 1 % - 2,49 %

CAS-Number: 97-53-0

EINECS / ELINCS / NLP: 202-589-1

REACH registration No.: 01-2119971802-33

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

Irrit. 2; H319 / Skin Sens. 1B; H317

Methylionone: 1 % - 2,49 %

CAS-Number: 1335-46-2

EINECS / ELINCS / NLP: 215-635-0

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

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Aquatic Chronic 2; H411 / Eye Irrit. 2; H319 / Skin Irrit. 2; H315 2,6,10-

trimethylundec-9-enal: 0,1 % - 0,99 %

CAS-Number: 141-13-9

EINECS / ELINCS / NLP: 205-460-8

REACH registration No.: 01-2120139915-49

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

Aquatic Acute 1; H400 (M = 1) / Aquatic Chronic 1; H410 (M = 1) / Skin Sens. 1B; H317

Phenylacetaldehyde: 0,1 % - 0,99 %

CAS-Number: 122-78-1

EINECS / ELINCS / NLP: 204-574-5

REACH registration No.: 01-2120766865-37

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

Acute Tox. 4; H302 / Aquatic Chronic 3; H412 / Eye Dam. 1; H318 / Skin Corr. 1B; H314 / Skin Sens. 1B; H317

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 , 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.

5.3 Advice for firefighters

Special protective equipment for firefighters Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information Do not allow water used to extinguish fire to enter drains, ground or waterways. You have to dispose of contaminated extinguishing water according to the regulations of the authorities.

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. If necessary notify appropriate authorities. Discharge into the environment must be avoided.

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

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 containers Keep container tightly closed in a cool, well-ventilated place. Protect from and light.
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

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8.2 Exposure controls

Respiratory protection	Avoid exceeding WEL threshold levels. Respiratory protection must be worn whenever the WEL levels have been exceeded. 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	Wear suitable protective clothing. When handling larger quantities: face protection, rubber boots and rubber apron.
General protection and hygiene measures	Avoid contact with skin, eyes, and clothing. After work, wash hands and face. When using do not eat, drink or smoke. Wash contaminated clothing prior to re-use.

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 Initial boiling point and boiling range	---	---		
Flammability				
Explosion limits			---	
Flash point/flash point range	---	---		
Ignition temperature	98 °C c.c.	---		
PH	---	---		
Viscosity	---	---	---	---
Solubility	---	---	---	---
Partition coefficient: n-octanol/water Vapour pressure	---	---	---	---
Density and/or relative density	---	---	---	---
Relative vapour density	0,985 g/ml	0,997 g/ml	20 °C	---
Bulk density	---	---		---
Flow time 4mm (DIN)	---	---	---	
Water solubility	---			

9.2 Other information

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SECTION 10: Stability and reactivity

10.1 Reactivity	No data available
10.2 Chemical stability	No data available
10.3 Possibility of hazardous reactions	Strong oxidizing agents
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-

Phenylethanol

oral	LD50	1610.0	mg/kg	-
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Rat

Toxicological tests: components 2-

Phenoxyethanol

oral	LD50	1394.0	mg/kg	-
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Rat

dermal	LD50	14422.0	mg/kg	-
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Rat

Toxicological tests: components alpha-

Terpineol

oral	LD50	4300.0	mg/kg	-
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Rat

Toxicological tests: components Pentyl

salicylate

oral	LD50	2000.0	mg/kg	-
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Rat

Toxicological tests: components Benzyl

acetate

oral	LD50	2490.0	mg/kg	-
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Rat

Toxicological tests: components Citronellol

Rat oral	LD50	3450.0	mg/kg	-
dermal	LD50	2650.0	mg/kg	-

Rabbit

Toxicological tests: components

2,4-Dimethylcyclohex-3-ene-1-carbaldehyde

oral	LD50	3100.0	mg/kg	-
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Rat

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dermal	LD50	5000.0	mg/kg	-
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Rabbit

Toxicological tests: components 2-

Benzylideneheptanal

oral	LD50	3730.0	mg/kg	-
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Rat

Toxicological tests: components

Isocyclocitral

oral	LD50	4150.0	mg/kg	-
------	------	--------	-------	---

Rat

Toxicological tests: components Eugenol

guinea pig oral	LD50	2130.0	mg/kg	-
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Toxicological tests: components 2,6,10-

trimethylundec-9-enal

oral	LD50	5000.0	mg/kg	-
------	------	--------	-------	---

Rat

dermal	LD50	5000.0	mg/kg	-
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Rabbit

Toxicological tests: components

Phenylacetaldehyde

oral	LD50	1550.0	mg/kg	-
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Rat

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

Toxic to aquatic life with long lasting effects.

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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.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Recommendation	Discharge into the environment must be avoided. Dispose of waste according to applicable legislation.
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Package

Recommendation	Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.
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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. (EXTRAKTS, LIQUID) Proper
shipping name: IMDG Environmentally hazardous substance, liquid, n.o.s. (EXTRAKTS, LIQUID)

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

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SECTION 15: Regulatory information

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

Europe

Germany

Storage class	10
Water Hazard Class	2 deutlich wassergefährdend
Incident regulation	E2 Hazardous to the Aquatic Environment in Category Chronic 2
Information on working limitations	Observe employment restrictions for young people.

15.2 Chemical Safety Assessment

Chemical Safety Assessment ---

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SECTION 16: Other information

Hazard statements (CLP) H302

Harmful if swallowed. H315

Causes skin irritation.

H317 May cause an allergic skin reaction. H318

Causes serious eye damage.

H319 Causes serious eye irritation. H335

May cause respiratory irritation. H400

Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects. H411

Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects. H314

Causes severe skin burns and eye damage.

H318 Causes serious eye damage. H400

Very toxic to aquatic life.

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