

SAFETY DATA SHEET

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

Item number/ Trade name
Version/ Issue date:

12837-401-3

5 / 02/14/2025

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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 12837-401-3
UFI	Tomato Leaves 29G2-N0RU-Y004-5XW1

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

Company/undertaking identification

- Antwerp Luxury Candle Supplies
- +32 33 00 00 30
- mail@luxurycandlesupplies.eu
- Oostmalsebaan 1c Unit 5, 2960 Brecht, Belgium

1.4 Emergency telephone number

Anti poison centre Belgium: 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 3; H412 Harmful to aquatic life with long lasting effects.
Eye Irrit. 2; H319 Causes serious eye irritation.
Skin Irrit. 2; H315 Causes skin irritation.
Skin Sens. 1; H317 May cause an allergic skin reaction.

2.2 Label elements



Signal word

Warning

Hazard pictograms Hazard statements

GHS07 Exclamation mark
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.

Safety precautions

H412 Harmful to aquatic life with long lasting effects.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash affected areas thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.

Hazard components for labelling

Methyl cinnamate; Citronellal; 2-Methylundecanal; Linalyl acetate; Pin-2(10)-ene;
4-Allylanisole; (E)-Anethole; Cineole; Citral; (R)-p-Mentha-1,8-diene;
l-p-mentha-1(6),8-dien-2-one; 2,4-Dimethylcyclohex-3-ene-1-carbaldehyde; Linalool;

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Eugenol

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

l-p-mentha-1(6),8-dien-2-one: 0,1 % - 0,99 % CAS-Number: 6485-40-1 EU index number: 606-148-00-8
EC-number: 229-352-5 REACH registration No.: 01-2119962458-25 Classification according to EC regulation 1272/2008 (CLP): Skin Sens. 1B; H317

4-Allylanisole: 0,1 % - 0,99 % CAS-Number: 140-67-0 EC-number: 205-427-8 REACH registration No.:
01-2120783278-41 Classification according to EC regulation 1272/2008 (CLP): Acute Tox. 4; H302 / Aquatic
Chronic 3; H412 / Carc. 2; H351 / Muta. 2; H341 / Skin Irrit. 2; H315 / Skin Sens. 1; H317

Citronellal: 0,1 % - 0,99 % CAS-Number: 106-23-0 EC-number: 203-376-6 REACH registration No.:
01-2119474900-37 Classification according to EC regulation 1272/2008 (CLP): Eye Irrit. 2; H319 / Skin
Irrit. 2; H315 / Skin Sens. 1B; H317

(E)-Anethole: 0,1 % - 0,99 % CAS-Number: 4180-23-8 EC-number: 224-052-0 REACH registration No.:
01-2119979097-22 Classification according to EC regulation 1272/2008 (CLP): Skin Sens. 1; H317

2-Methylundecanal: 0,1 % - 0,99 % CAS-Number: 110-41-8 EC-number: 203-765-0 REACH registration No.: 01-
2119969443-29 Classification according to EC regulation 1272/2008 (CLP): Aquatic Acute 1; H400 / Aquatic
Chronic 1; H410 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Pin-2(10)-ene: 0,1 % - 0,99 % CAS-Number: 127-91-3 EC-number: 204-872-5 REACH registration No.:
01-2119519230-54 Classification according to EC regulation 1272/2008 (CLP): Aquatic Acute 1; H400 (M = 1) /
Aquatic Chronic 1; H410 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / Skin Irrit. 2; H315 / Skin Sens.
1B; H317

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Eugenol: 0,1 % - 0,99 % CAS-Number: 97-53-0 EC-number: 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

Methyl cinnamate: 0,1 % - 0,99 % CAS-Number: 103-26-4 EU index number: - EC-number: 203-093-8 REACH
registration No.: 01-2119979458-16 Classification according to EC regulation 1272/2008 (CLP): Skin Sens. 1B;
H317

Linalool: 3 % - 9,99 % CAS-Number: 78-70-6 EU index number: 603-235-00-2 EC-number: 201-134-4 REACH
registration No.: 01-2119474016-42 Classification according to EC regulation 1272/2008 (CLP): Eye Irrit. 2;
H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Linalyl acetate: 3 % - 9,99 % CAS-Number: 115-95-7 EC-number: 204-116-4 REACH registration No.:
01-2119454789-19 Classification according to EC regulation 1272/2008 (CLP): Eye Irrit. 2; H319 / Skin
Irrit. 2; H315 / Skin Sens. 1B; H317

Citral: 2,5 % - 2,99 % CAS-Number: 5392-40-5 EU index number: 605-019-00-3 EC-number: 226-394-6 REACH
registration No.: 01-2119462829-23 Classification according to EC regulation 1272/2008 (CLP): Eye Irrit. 2;
H319 / Skin Irrit. 2; H315 / Skin Sens. 1; H317

5-methyl-3-heptanone oxime: 1 % - 2,49 % CAS-Number: 22457-23-4 EC-number: 245-010-8 REACH registration
No.: 01-2120747610-59 Classification according to EC regulation 1272/2008 (CLP): Aquatic Chronic 3; H412

2,4-Dimethylcyclohex-3-ene-1-carbaldehyde: 1 % - 2,49 % CAS-Number: 68039-49-6 EC-number: 268-264-1
Classification according to EC regulation 1272/2008 (CLP): Aquatic Chronic 2; H411 / Skin Irrit. 2; H315 /
Skin Sens. 1B; H317

(R)-p-Mentha-1,8-diene: 1 % - 2,49 % CAS-Number: 5989-27-5 EU index number: 601-096-00-2 EC-number:
227-813-5 REACH registration No.: 01-2119529223-47 Classification according to EC regulation 1272/2008 (CLP):
Aquatic Acute 1; H400 (M = 1) / Aquatic Chronic 3; H412 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 /
Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Cineole: 1 % - 2,49 % CAS-Number: 470-82-6 EC-number: 207-431-5 REACH registration No.: 01-2119967772-24
Classification according to EC regulation 1272/2008 (CLP): Eye Irrit. 2; H319 / Flam. Liq. 3; H226 / Skin
Sens. 1B; H317

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4-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-3-buten-2-on: 1 % - 2,49 % CAS-Number: 14901-07-6 EC-number: 238-969-9 REACH registration No.: 01-2119449921-34-xxxx Classification according to EC regulation 1272/2008 (CLP): Aquatic Chronic 2; H411

Full text of H- and EUH-phrases: see section 16.

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.
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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.

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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 and containers

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

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.

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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	> 61 °C c.c.	---		
Ignition temperature	---	---		
PH	---	---	---	---
Viscosity	---	---	---	---
Solubility	---	---	---	---
Partition coefficient: n-octanol/water	---	---		---
Vapour pressure	0 hPa	---	20 °C	---
Density and/or relative density	0 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	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 hazard classes as defined in Regulation (EC) No 1272/2008

General remarks

No data available

Toxicological tests: components

I-p-mentha-1(6),8-dien-2-one

oral	LD50	3800.0	mg/kg	-
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Rat

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Toxicological tests: components

4-Allylanisole

oral	LD50	1230.0	mg/kg	-
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Rat

dermal	LD50	5000.0	mg/kg	-
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Rabbit

Toxicological tests: components

Citronellal

oral	LD50	2420.0	mg/kg	-
------	------	--------	-------	---

Rat

Toxicological tests: components

(E)-Anethole

oral	LD50	2090.0	mg/kg	-
------	------	--------	-------	---

Rat

dermal	LD50	5000.0	mg/kg	-
--------	------	--------	-------	---

Rabbit

Toxicological tests: components

2-Methylundecanal

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

Rat

dermal	LD50	10000.0	mg/kg	-
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Rabbit

Toxicological tests: components

Eugenol

oral	LD50	2130.0	mg/kg	-
------	------	--------	-------	---

guinea pig

Toxicological tests: components

Methyl cinnamate

oral	LD50	2610.0	mg/kg	-
------	------	--------	-------	---

Rat

dermal	LD50	5000.0	mg/kg	-
--------	------	--------	-------	---

Rabbit

Toxicological tests: components

Linalool

oral	LD50	2790.0	mg/kg	-
------	------	--------	-------	---

Rat

Toxicological tests: components

Linalyl acetate

oral	LD50	13934.0	mg/kg	-
------	------	---------	-------	---

Rat

dermal	LD50	5000.0	mg/kg	-
--------	------	--------	-------	---

Rabbit

Toxicological tests: components

Citral

oral	LD50	4950.0	mg/kg	-
------	------	--------	-------	---

Rat

dermal	LD50	2250.0	mg/kg	-
--------	------	--------	-------	---

Rabbit

Toxicological tests: components

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5-methyl-3-heptanone oxime

oral	LD50	3800.0	mg/kg	-	
Rat					

Toxicological tests: components

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

oral	LD50	3100.0	mg/kg	-	
Rat					

dermal	LD50	5000.0	mg/kg	-	
Rabbit					

Toxicological tests: components

(R)-p-Mentha-1,8-diene

oral	LD50	5600.0	mg/kg	-	
Mouse					

dermal	LD50	5000.0	mg/kg	-	
Rabbit					

Toxicological tests: components

Cineole

oral	LD50	2480.0	mg/kg	-	
Rat					

Toxicological tests: components

4-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-3-buten-2-on

oral	LD50	3940.0	mg/kg	-	
Rat					

Acute toxicity No data available

Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/eye irritation	Causes serious eye irritation.
Sensibilisation: Respiratory system	No data available
Sensibilisation: Skin	May cause an allergic skin reaction.
Aspiration hazard	No data available
STOT-single exposure	No data available
STOT-repeated exposure	No data available

Carcinogenic, germ cell mutagen and reproduction effects (CLP)

Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available

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 Harmful 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

UN-No. ADR/RID	UNnot regulated
UN-No. IMDG	UNnot regulated
UN-No. IATA-DGR	UNnot regulated

14.2 UN proper shipping name

Product designation: ADR/RID

No dangerous good in sense of these transport regulations. ---

Proper shipping name: IATA-DGR

--- ---

Proper shipping name: IMDG

--- ---

14.3 Transport hazard class(es)

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

14.4 Packing group

Packaging group ADR/RID	---
Packing Group IMDG	---
Packing Group IATA-DGR	---

14.5 Environmental hazards

Marine Pollutant - IMDG	---
EmS	---
Stowage and segregation	---

14.6 Special precautions for user

Hazard label ADR	---

14.7 Maritime transport in bulk according to IMO instruments

Additional information

EQ	---
Limited quantities	---
Special Provisions	---
Tunnel restriction	---
Transport category	---
Hazard identification number	---

No dangerous good in sense of these transport regulations.

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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
Major Accident Ordinance (12. BImSchV)	---
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)

H226 Flammable liquid and vapour.
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.
H341 Suspected of causing genetic defects.
H351 Suspected of causing cancer.
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.

Reason of change ---

Abbreviations

--- no data, not determined or not applicable
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (Verordnung (EG) Nr. 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