SAFETY DATA SHEET

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

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

1.1 Product identifier

	fragrance composition
Item number/ Trade name	11598-401-1
	Warm Orange & cloves
UFI	0R31-C11R-0004-SWAR

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

Name	Antwerp luxury candle supplies,
Street/POB-No.: 1	Oostmalsebaan 1c/5, 2960 Brecht, Belgium
City	+3233000030
Phone #	mail@luxurycandlesupplies.eu
E-mail	

1.4 Emergency telephone number

Name

Phone #

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 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	GHS07 Exclamation mark GHS09 Environment
Hazard statements	H315 Causes skin irritation. H319 Causes serious eye irritation. H317 May cause an allergic skin reaction. H411 Toxic to aquatic life with long lasting effects.
Safety precautions	P280 Wear protective gloves/protective clothing/eye protection/face protection.
Hazard components for labelling	Cinnamyl alcohol(104-54-1); Cinnamaldehyde(104-55-2); 2-Methylundecanal(110-41-8); Methyl salicylate(119-36-8); Zimtsäurenitril(4360-47-8); Citral(5392-40-5); delta-Damascone(57378-68-4); 3,7-Dimethyloctan-3-ol(78-69-3); Linalool(78-70-6); Orange, sweet, ext.(8028-48-6); Coumarin(91-64-5)

Special provisions concerning the labelling of certain mixtures

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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

Orange, sweet, ext.: 3 % - 9,99 % CAS-Number: 8028-48-6 EC-number: 232-433-8 REACH registration No.: 01-2119493353-35 Classification according to EC regulation 1272/2008 (CLP): Aquatic Chronic 2; H411 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / Skin Irrit. 2; H315 / Skin Sens. 1; H317

Cinnamaldehyde: 3 % - 9,99 % CAS-Number: 104-55-2 EC-number: 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 (0,01% <= C)

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

Diethyl malonate: 2,5 % - 2,99 % CAS-Number: 105-53-3 EC-number: 203-305-9 REACH registration No.: 01-2119886972-18 Classification according to EC regulation 1272/2008 (CLP): Eye Irrit. 2; H319

2-tert-Butylcyclohexyl acetate: 2,5 % - 2,99 % CAS-Number: 88-41-5 EC-number: 201-828-7 REACH registration No.: 01-2119970713-33 Classification according to EC regulation 1272/2008 (CLP): Aquatic Chronic 2; H411

3,7-Dimethyloctan-3-ol: 1 % - 2,49 % CAS-Number: 78-69-3 EC-number: 201-133-9 REACH registration No.: 01-2119454788-21-xxxx Classification according to EC regulation 1272/2008 (CLP): Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Dihexyl butendioate (trans): 1 % - 2,49 % CAS-Number: 19139-31-2 EC-number: 242-833-4 Classification according to EC regulation 1272/2008 (CLP): Aquatic Chronic 1; H410 (M = 1)

Undecan-4-olide: 1 % - 2,49 % CAS-Number: 104-67-6 EC-number: 203-225-4 REACH registration No.: 01-2119959333-34-XXXX Classification according to EC regulation 1272/2008 (CLP): Aquatic Chronic 3; H412

Methyl salicylate: 0,1 % - 0,99 % CAS-Number: 119-36-8 EU index number: 607-749-00-8 EC-number: 204-317-7 REACH registration No.: 01-2119515671-44 Classification according to EC regulation 1272/2008 (CLP): Acute Tox. 4; H302 / Aquatic Chronic 3; H412 / Eye Dam. 1; H318 / Repr. 2; H361d / Skin Sens. 1B; H317

Coumarin: 0,1 % - 0,99 % CAS-Number: 91-64-5 EC-number: 202-086-7 REACH registration No.: 01-2119949300-45-XXXX Classification according to EC regulation 1272/2008 (CLP): Acute Tox. 4; H302 / Skin Sens. 1B; H317 ATE (oral): 290 mg/kg

Cinnamyl alcohol: 0,1 % - 0,99 % CAS-Number: 104-54-1 EC-number: 203-212-3 REACH registration No.: 01-2119934496-29 Classification according to EC regulation 1272/2008 (CLP): Acute Tox. 4; H302 / Skin Sens. 1B; 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 (M = 1) / Aquatic Chronic 2; H411 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Zimtsäurenitril: 0,1 % - 0,99 % CAS-Number: 4360-47-8 EC-number: 224-441-5 Classification according to EC regulation 1272/2008 (CLP): Acute Tox. 3; H301 / Acute Tox. 4; H312 / Acute Tox. 4; H332 / Skin Sens. 1B; H317

delta-Damascone: 0,1 % - 0,99 % CAS-Number: 57378-68-4 EC-number: 260-709-8 REACH registration No.: 01-2119535122-53 Classification according to EC regulation 1272/2008 (CLP): Acute Tox. 4; H302 / Aquatic Acute 1; H400 (M = 1) / Aquatic Chronic 1; H410 (M = 1) / Skin Irrit. 2; H315 / Skin Sens. 1A; H317

Linalool: 0,1 % - 0,99 % 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

Isoeugenol: 0,01 % - 0,099999 % CAS-Number: 97-54-1 EU index number: 604-094-00-X EC-number: 202-590-7 REACH registration No.: 01-2120223682-61 Classification according to EC regulation 1272/2008 (CLP): Acute Tox. 4; H302 / Acute Tox. 4; H312 / Acute Tox. 4; H332 / Eye Irrit. 2; H319 / STOT SE 3; H335 / Skin Irrit. 2; H315 / Skin Sens. 1A; H317 (0,01% <= C)

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

4.3 Indication of any immediate medical attention and special treatment needed

Information to physician	No data available

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

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6.2 environmental precautions

Do not allow to penetrate into soil, waterbodies or drains. Discharge into the environment must be avoided. If necessary, notify appropriate authorities.

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. 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 time10 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	< 20 °C	---		
Initial boiling point and boiling range	---	---		
Flammability			---	
Explosion limits	---	---		
Flash point/flash point range	80 °C c.c.	---		
Ignition temperature	---	---		
PH	---	---	---	---
Viscosity	---	---	---	---
	---	---	---	---
Solubility	---		---	---
Partition coefficient: n-octanol/water	---			---
Vapour pressure	ber. 0,2163 hPa	---	20 °C	---
Density and/or relative density	0,879 g/cm³	---	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

Orange, sweet, ext.

oral	LD50	5000.0	mg/kg	-

Rat

Toxicological tests: components

Cinnamaldehyde

oral	LD50	2200.0	mg/kg	-

Rat

Toxicological tests: components

Citral

oral	LD50	4950.0	mg/kg	-

Rat

dermal	LD50	2250.0	mg/kg	-

Rabbit

Toxicological tests: components

Diethyl malonate

oral	LD50	6400.0	mg/kg	-

Mouse

Toxicological tests: components

2-tert-Butylcyclohexyl acetate

oral	LD50	4600.0	mg/kg	-

Rat

dermal	LD50	5000.0	mg/kg	-

Rabbit

Toxicological tests: components

3,7-Dimethyloctan-3-ol

oral	LD50	5000.0	mg/kg	-

Rat

dermal	LD50	5000.0	mg/kg	-

Rabbit

Toxicological tests: components

Dihexyl butendioate (trans)

oral	LD50	5000.0	mg/kg	-

Rat

dermal	LD50	5000.0	mg/kg	-

Rabbit

Toxicological tests: components

Undecan-4-olide

oral	LD50	18500.0	mg/kg	-

Rat

Toxicological tests: components

Methyl salicylate

oral	LD50	887.0	mg/kg	-

Rat

dermal	LD50	5000.0	mg/kg	-

Rabbit

Toxicological tests: components

Coumarin

oral	LD50	500.0	mg/kg	-

Rat

Toxicological tests: components

Cinnamyl alcohol

oral	LD50	2000.0	mg/kg	-

Rat

Toxicological tests: components

2-Methylundecanal

oral	LD50	5000.0	mg/kg	-
Rat				
dermal	LD50	10000.0	mg/kg	-
Rabbit				

Toxicological tests: components

Zimtsäurenitril

oral	LD50	275.0	mg/kg	-
Rat				
dermal	LD50	1910.0	mg/kg	-
Rabbit				

Toxicological tests: components

delta-Damascone

oral	LD50	1400.0	mg/kg	-
Rat				

Toxicological tests: components

Linalool

oral	LD50	2790.0	mg/kg	-
Rat				

Toxicological tests: components

Isoeugenol

oral	LD50	1560.0	mg/kg	-
Rat				
dermal	LD50	1770.0	mg/kg	-
Rabbit				

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 Toxic to aquatic life with long lasting effects.

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.

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

UN-No. ADR/RID	UN3082
UN-No. IMDG	UN3082
UN-No. IATA-DGR	UN3082

14.2 UN proper shipping name

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

14.3 Transport hazard class(es)

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

14.4 Packing group

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

14.5 Environmental hazards

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

14,6 Special precautions for user

Hazard label ADR	9 + Fish and Tree

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, 375 IATA: A97, A158, A197
Tunnel restriction	(-)
Transport category	3
Hazard identification number	90

SECTION 15: Regulatory information

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

National regulations

Europe

Regulation (EC) No. 1907/2006 (REACH), substances of very high concern

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Use restriction according to REACH annex XVII, no.: 3

Germany

Storage class	10
Water Hazard Class	2
Major Accident Ordinance (12. BImSchV)	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	---

SECTION 16: Other information

Hazard statements (CLP)

H226 Flammable liquid and vapour.
H301 Toxic if swallowed.
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.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
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.
H361d Suspected of damaging the unborn child.

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 machandises dangereuses (Regulation on the international carriage of dangerous goods by rail)
IATA	International Air Transport Association
IMDG	International Martime 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

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.