

SAFETY DATA SHEET

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

Item number/ Trade name **11596-401-5**
Version/ Issue date: **7 / 11/01/2023**

Print date **03/18/2024**
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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
11596-401-5
Dark Musk
UFI: **XK31-A1NX-D005-F75M**

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
Oostmalsebaan 1c /17
2960 Brecht
mail@luxurycandlesupplies.eu
Phone:+32 343 043 40
www.luxurycandlesupplies.eu

1.4 Emergency telephone number

Name bekro chemie GmbH & Co. KG (Mo - Do 8.00 - 16.30, Fr 8.00 - 14.30)
Phone # +49 6836 9198 0

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. Skin Sens.
1; H317 May cause an allergic skin reaction.

2.2 Label elements



Signal word

Warning

Nature of Hazard

GHS07 Exclamation mark
GHS09 Environment

Hazard statements

H317 May cause an allergic skin reaction.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

Safety precautions

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace. P280
Wear protective gloves/protective clothing/eye protection/face protection. P321 Specific
treatment (see ### on this label).
P363 Wash contaminated clothing before reuse.
P501 Dispose of contents/container to hazardous waste. P302+P352 IF
ON SKIN: Wash with plenty of water/soap.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P273
Avoid release to the environment.

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Hazard components for labelling

P391 Collect spillage.

Benzenemethanol,4-methoxy-, 1-acetate
Zimtaldehyd
Citronellol
2- Benzylidenheptanal
3- Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-on 1-(2,6,6-Trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-on Acetylcedrene
Zimtsäurenitril
Longifolene
(R)-p-Mentha-1,8-dien
[3R-(3a,3aß,6a,7ß,8aa)]-octahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl acetate
Linalool
2-(4-tert-Butylbenzyl)propionaldehyd
Phenethyl salicylate
Carophyllin
Coumarin
Eugenol
Hexanal

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

Acetylcedren: 0,1 % - 0,99 %
CAS-Nummer: 32388-55-9
EINECS / ELINCS / NLP: 251-020-3
REACH-Registrierungsnr.: 01-2119969651-28 Einstufung gemäß EG-Verordnung 1272/2008 (CLP):
Aquatic Acute 1 (M1); H400 / Aquatic Chronic 1 (M1); H410 / Skin Sens. 1B; H317

Phenethylsalicylat: 0,1 % - 0,99 %
CAS-Nummer: 87-22-9
EINECS / ELINCS / NLP: 201-732-5
Einstufung gemäß EG-Verordnung 1272/2008 (CLP):
Aquatic Chronic 2; H411 / Skin Sens. 1B; H317

Benzylbenzoat: 10 % - 24,99 %
CAS-Nummer: 120-51-4
EU-Indexnummer: 607-085-00-9 EINECS / ELINCS / NLP: 204-402-9
REACH-Registrierungsnr.: 01-2119976371-33 Einstufung gemäß EG-Verordnung 1272/2008 (CLP):
Acute Tox. 4; H302 / Aquatic Acute 1; H400 / Aquatic Chronic 2; H411

Harzsäuren und Kolophoniumsäuren, hydriert, Methylester: 3 % - 9,99 % CAS-Nummer: 8050-15-5

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EINECS / ELINCS / NLP: 232-476-2

REACH-Registrierungsnr.: 01-2119969275-26 Einstufung

gemäß EG-Verordnung 1272/2008 (CLP):

Aquatic Chronic 3; H412

[3R-(3a,3aß,6a,7ß,8aa)]-Octahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-ylacetat: **3 % - 9,99 %**

CAS-Nummer: 77-54-3

EINECS / ELINCS / NLP: 201-036-1

REACH-Registrierungsnr.: 01-2120739845-42 Einstufung

gemäß EG-Verordnung 1272/2008 (CLP):

Aquatic Acute 1 (M1); H400 / Aquatic Chronic 1 (M1); H410 / Skin Sens. 1B; H317

Galaxolide: **1 % - 2,49 %**

CAS-Nummer: 1222-05-5

EU-Indexnummer: 603-212-00-7 EINECS /

ELINCS / NLP: 214-946-9

REACH-Registrierungsnr.: 01-2119488227-29 Einstufung

gemäß EG-Verordnung 1272/2008 (CLP):

Aquatic Acute 1 (M1); H400 / Aquatic Chronic 1 (M1); H410

Cumarin: **1 % - 2,49 %**

CAS-Nummer: 91-64-5

EINECS / ELINCS / NLP: 202-086-7

REACH-Registrierungsnr.: 01-2119949300-45 Einstufung

gemäß EG-Verordnung 1272/2008 (CLP): Acute Tox. 3; H301

/ Skin Sens. 1B; H317

1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (Fixolid): **1 % - 2,49 %** CAS-

Nummer: 1506-02-1

EINECS / ELINCS / NLP: 216-133-4, 244-240-6

REACH-Registrierungsnr.: 01-2119539433-40 Einstufung

gemäß EG-Verordnung 1272/2008 (CLP):

Acute Tox. 4; H302 / Aquatic Acute 1 (M1); H400 / Aquatic Chronic 1 (M1); H410

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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 , C14 H18 O Nr.6+9a , 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	combustible substances
Additional information	Do not allow water used to extinguish fire to enter drains, ground or waterways. (P2)

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. May cause lung damage if swallowed.

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

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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. C12 H20 O2
Storage class	10

7.3 Specific end use(s)

General use	Perfumes, fragrances, Formulation of fragranced products
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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. 7 mg/L/96 h 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	Danger of explosion When handling larger quantities: face protection, rubber boots and rubber apron.
General protection and hygiene measures	(ISO/DIS 14669) 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	---	---		
Initial boiling point and boiling range	---	---		
Flammability			---	
Explosion limits		---		
Flash point/flash point range	> 142 °C c.c.	---		
Ignition temperature	---	---		
PH	---	---	---	---
Viscosity	---	---	---	---
Solubility	---	---	---	---
Partition coefficient: n-octanol/water	---	---	---	---
Vapour pressure	berechn. 0,0039	hPa	20 °C	---
Density and/or relative density	1,1 g/ml	---	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 toxicological effects

General remarks

No data available

Toxicological tests: components Acetyl

cedrene

oral	LD50	5000.0	mg/kg	-
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Rat

Toxicological tests: components

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Benzyl benzoate

oral	LD50	2000.0	mg/kg	-
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Rat

dermal	LD50	4000.0	mg/kg	-
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Rabbit

Toxicological tests: components

[3R-(3a,3aβ,6a,7β,8aa)]-octahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl acetate

oral	LD50	5000.0	mg/kg	-
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Rat

dermal	LD50	5000.0	mg/kg	-
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Rabbit

Toxicological tests: components Galaxolide

oral	LD50	4640.0	mg/kg	-
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Rat

dermal	LD50	6500.0	mg/kg	-
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Rabbit

Toxicological tests: components Coumarin

oral	LD50	290.0	mg/kg	-
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Rat

Toxicological tests: components

1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (Fixolid)

oral	LD50	570.0	mg/kg	-
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Rat

dermal	LD50	7940.0	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

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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. ETHANOL (ETHYL ALCOHOL) : 443 mg/L/72 h
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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. (Benzyl benzoate, Cedryl acetate)
Proper shipping name: IMDG Environmentally hazardous substance, liquid, n.o.s. (Benzyl benzoate, Cedryl acetate)

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

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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SECTION 16: Other information

Hazard statements (CLP) H301

Toxic if swallowed. H302

Harmful if swallowed.

H317 May cause an allergic skin reaction. 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 (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