

SAFETY DATA SHEET

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



Item number/ Trade name
Version/ Issue date:

16207-401-6

2 / 04/29/2024

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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
16207-401-6
Anti Tabac

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 bekro chemie GmbH & Co. KG
Street/POB-No.: 1 Industriestrasse 104
City D-66802 Ueberherrn
Phone # +49 6836 9198 0
Telefax # +49 6836 9198 10
E-mail info@bekro.de

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 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

Nature of Hazard

GHS07 Exclamation mark

Hazard statements

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.
P337+P313 If eye irritation persists: Get medical advice/attention.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

Hazard components for labelling

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Geranyl acetate
Nerol
Eugenol
Cineole
Linalool
3,7-Dimethyloctan-3-ol
Linalyl acetate
Geraniol
Coumarin

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

Geranyl acetate: 0,1 % - 0,99 %
CAS-Number: 105-87-3
EINECS / ELINCS / NLP: 203-341-5
REACH registration No.: 01-2119973483-29
Classification according to EC regulation 1272/2008 (CLP):
Aquatic Chronic 3; H412 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Nerol: 0,1 % - 0,99 %
CAS-Number: 106-25-2
EINECS / ELINCS / NLP: 203-378-7
REACH registration No.: 01-2119983244-33
Classification according to EC regulation 1272/2008 (CLP):
Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Eugenol: 0,1 % - 0,99 %
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

Cineole: 0,1 % - 0,99 %
CAS-Number: 470-82-6
EINECS / ELINCS / NLP: 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

3,5,5-Trimethylhexyl acetate: 3 % - 9,99 %
CAS-Number: 58430-94-7
EINECS / ELINCS / NLP: 261-245-9
REACH registration No.: 01-2119972325-34
Classification according to EC regulation 1272/2008 (CLP):
Aquatic Chronic 2; H411 / Skin Irrit. 2; H315

Linalool: 3 % - 9,99 %

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CAS-Number: 78-70-6
EU index number: 603-235-00-2
EINECS / ELINCS / NLP: 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

3,7-Dimethyloctan-3-ol: 2,5 % - 2,99 %
CAS-Number: 78-69-3
EINECS / ELINCS / NLP: 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

Linalyl acetate: 2,5 % - 2,99 %
CAS-Number: 115-95-7
EINECS / ELINCS / NLP: 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

3-Ethoxy-4-hydroxybenzaldehyde: 1 % - 2,49 %
CAS-Number: 121-32-4
EINECS / ELINCS / NLP: 204-464-7
REACH registration No.: 01-2119958961-24-xxxx
Classification according to EC regulation 1272/2008 (CLP):
Eye Irrit. 2; H319

Oils, Lavandin: 1 % - 2,49 %
CAS-Number: 93455-96-0
EINECS / ELINCS / NLP: 297-384-7
REACH registration No.: 01-2120736147-55
Classification according to EC regulation 1272/2008 (CLP):
Aquatic Chronic 3; H412 / Eye Irrit. 2; H319 / Skin Sens. 1B; H317

Geraniol: 1 % - 2,49 %
CAS-Number: 106-24-1
EU index number: 603-241-00-5
EINECS / ELINCS / NLP: 203-377-1
REACH registration No.: 01-2119552430-49
Classification according to EC regulation 1272/2008 (CLP):
Eye Dam. 1; H318 / Skin Irrit. 2; H315 / Skin Sens. 1; H317

ethyl octanoate: 1 % - 2,49 %
CAS-Number: 106-32-1
EINECS / ELINCS / NLP: 203-385-5
REACH registration No.: 01-2120765584-44
Classification according to EC regulation 1272/2008 (CLP):
Aquatic Chronic 2; H411

Coumarin: 1 % - 2,49 %
CAS-Number: 91-64-5
EINECS / ELINCS / NLP: 202-086-7
REACH registration No.: 01-2119949300-45-XXXX
Classification according to EC regulation 1272/2008 (CLP):

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Acute Tox. 3; H301 / Skin Sens. 1B; H317

2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol: 1 % - 2,49 %

CAS-Number: 28219-61-6

EINECS / ELINCS / NLP: 248-908-8

REACH registration No.: 01-2119529224-45

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

Aquatic Chronic 2; H411 / Eye Irrit. 2; H319 / Skin Irrit. 2; H315

4-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-3-buten-2-on: 1 % - 2,49 %

CAS-Number: 14901-07-6

EINECS / ELINCS / NLP: 238-969-9

REACH registration No.: 01-2119449921-34-xxxx

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

Aquatic Chronic 2; H411

1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (Fixolid): 0,1 % - 0,99 %

CAS-Number: 1506-02-1

EINECS / ELINCS / NLP: 216-133-4

REACH registration No.: 01-2119539433-40

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

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

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.

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
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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
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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	ber. 107 °C c.c.	---		
Ignition temperature	---	---		
PH	---	---	---	---
Viscosity	---	---	---	---
Solubility	---	---	---	---
Partition coefficient: n-octanol/water	---	---		---
Vapour pressure	ber. 0,0683 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

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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

Geranyl acetate

oral	LD50	6330.0	mg/kg	-
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Rat

Toxicological tests: components

Nerol

oral	LD50	4500.0	mg/kg	-
------	------	--------	-------	---

Rat

Toxicological tests: components

Eugenol

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

guinea pig

Toxicological tests: components

Cineole

oral	LD50	2480.0	mg/kg	-
------	------	--------	-------	---

Rat

Toxicological tests: components

3,5,5-Trimethylhexyl acetate

oral	LD50	4250.0	mg/kg	-
------	------	--------	-------	---

Rat

Toxicological tests: components

Linalool

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

Rat

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

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Linalyl acetate

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

Rat

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

Rabbit

Toxicological tests: components

3-Ethoxy-4-hydroxybenzaldehyde

dermal	LD50	7940.0	mg/kg	-
--------	------	--------	-------	---

Rabbit

Toxicological tests: components

Oils, Lavandin

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

Rat

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

Rabbit

Toxicological tests: components

Geraniol

oral	LD50	3600.0	mg/kg	-
------	------	--------	-------	---

Rat

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

Rabbit

Toxicological tests: components

ethyl octanoate

oral	LD50	25960.0	mg/kg	-
------	------	---------	-------	---

Rat

Toxicological tests: components

Coumarin

oral	LD50	500.0	mg/kg	-
------	------	-------	-------	---

Rat

Toxicological tests: components

2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol

dermal	LD50	5000.0	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

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	-
------	------	-------	-------	---

Rat

dermal	LD50	7940.0	mg/kg	-
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Rabbit

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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.
No data available

Further details

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

No data available

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.

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SECTION 14: Transport information

14.1 UN number

ADR, IATA, IMDG UNnot regulated

14.2 UN proper shipping name

Product designation: ADR/RID ---

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

ADR, IATA, IMDG ---

14.5 Environmental hazards

Marine Pollutant - IMDG ---

EmS ---

Stowage and segregation ---

14.6 Special precautions for user

14.7 Maritime transport in bulk according to IMO instruments

Additional information

EQ ---

Limited quantities ---

Special Provisions ---

Tunnel restriction ---

Transport category ---

Kemmler-number ---

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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	---
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.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye 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.
H318 Causes serious eye damage.

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