

SAFETY DATA SHEET

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

Item number/ Trade name	14488-401-4	Print date	10/07/2025
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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 14488-401-4
UFI	Lilac Bloom 9H6U-GM3N-XU18-0FP4

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

General use	Perfumes, fragrances, Formulation of fragranced products
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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)

Eye Dam. 1; H318 Causes serious eye damage.
 Repr. 2; H361 Suspected of damaging fertility or the unborn child.
 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
 GHS08 Health hazard

Hazard statements

H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H317 May cause an allergic skin reaction.
 H361 Suspected of damaging fertility or the unborn child.

Safety precautions

P264 Wash affected areas thoroughly after handling.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P201 Obtain special instructions before use.
 P308+P313 IF exposed or concerned: Get medical advice/attention.

Hazard components for labelling

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3,7-Dimethyl-1,6-nonadien-3-ol(10339-55-6); Phenethyl acetate(103-45-7); Cinnamyl alcohol(104-54-1); 3-Phenylpropan-1-ol(122-97-4); anisaldehyde(123-11-5); 3-(4-isobutyl-2-methylphenyl)propanal(1637294-12-2); 2-Ethoxy-4-(methoxymethyl)phenol(5595-79-9); 2-Phenylethanol(60-12-8); 2,4-Dimethylcyclohex-3-ene-1-carbaldehyde(68039-49-6); 3,7-Dimethyloctan-3-ol(78-69-3); Linalool(78-70-6); Terpineol(8000-41-7)

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

anisaldehyde: 3 % - 9,99 %

CAS-Number: 123-11-5

EC-number: 204-602-6

REACH registration No.: 01-2119977101-43

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

Aquatic Chronic 3; H412 / Repr. 2; H361

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

3,7-Dimethyloctan-3-ol: 2,5 % - 2,99 %

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

2-Phenylethanol: 2,5 % - 2,99 %

CAS-Number: 60-12-8

EC-number: 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

3-Phenylpropan-1-ol: 2,5 % - 2,99 %

CAS-Number: 122-97-4

EC-number: 204-587-6

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

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Eye Dam. 1; H318 / Skin Corr. 1B; H314

Phenethyl acetate: 2,5 % - 2,99 %
CAS-Number: 103-45-7
EC-number: 203-113-5
REACH registration No.: 01-2119976340-38
Classification according to EC regulation 1272/2008 (CLP):
Eye Dam. 1; H318

Cinnamyl alcohol: 2,5 % - 2,99 %
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

3,7-Dimethyl-1,6-nonadien-3-ol: 1 % - 2,49 %
CAS-Number: 10339-55-6
EC-number: 233-732-6
REACH registration No.: 01-2119969272-32-xxxx
Classification according to EC regulation 1272/2008 (CLP):
Eye Irrit. 2; H319 / Skin Sens. 1B; H317

3-(4-isobutyl-2-methylphenyl)propanal: 1 % - 2,49 %
CAS-Number: 1637294-12-2
EC-number: 811-285-3
REACH registration No.: 01-2120103156-71-xxxx
Classification according to EC regulation 1272/2008 (CLP):
Acute Tox. 4; H332 / Aquatic Chronic 2; H411 / Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Terpineol: 1 % - 2,49 %
CAS-Number: 8000-41-7
EC-number: 232-268-1
REACH registration No.: 01-2119553062-49
Classification according to EC regulation 1272/2008 (CLP):
Eye Irrit. 2; H319 / Skin Irrit. 2; H315

2,4-Dimethylcyclohex-3-ene-1-carbaldehyde: 0,1 % - 0,99 %
CAS-Number: 68039-49-6
EC-number: 268-264-1
REACH registration No.: 01-2119982384-28
Classification according to EC regulation 1272/2008 (CLP):
Aquatic Chronic 2; H411 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

2-Ethoxy-4-(methoxymethyl) phenol: 0,1 % - 0,99 %
CAS-Number: 5595-79-9
EC-number: 447-640-0
Classification according to EC regulation 1272/2008 (CLP):
Acute Tox. 4; H302 / Skin Sens. 1B; H317

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Isoeugenol: 0,01 % - 0,09 %
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)
Skin Sens. 1; H317: C >=0,01%

Cinnamaldehyde: 0,01 % - 0,09 %
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)

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.

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. 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. 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 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	115 °C c.c.	---		
Ignition temperature	---	---		
PH	---	---	---	---
Viscosity	---	---	---	---
Solubility	---		---	---
Partition coefficient: n-octanol/water	---			---
Vapour pressure	0,0327 hPa	---	20 °C	---
Density and/or relative density	0,888 g/cm³	---	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 ReactivityNo data available
- 10.2 Chemical stabilityNo data available
- 10.3 Possibility of hazardous reactionsStrong oxidizing agents
- 10.4 Conditions to avoidNo data available
- 10.5 Incompatible materialsNo data available
- 10.6 Hazardous decomposition productsNo data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

General remarks

No data available
No data available

Linalool

oral	LD50	2790.0	mg/kg	-
<i>Rat</i>				

No data available

3,7-Dimethyloctan-3-ol

oral	LD50	5000.0	mg/kg	-
<i>Rat</i>				

dermal	LD50	5000.0	mg/kg	-
<i>Rabbit</i>				

No data available

2-Phenylethanol

oral	LD50	1610.0	mg/kg	-
<i>Rat</i>				

No data available

3-Phenylpropan-1-ol

oral	LD50	2300.0	mg/kg	-
<i>Rat</i>				

dermal	LD50	5000.0	mg/kg	-
<i>Rabbit</i>				

No data available

Phenethyl acetate

oral	LD50	3670.0	mg/kg	-
<i>Rat</i>				

dermal	LD50	6210.0	mg/kg	-
<i>Rabbit</i>				

No data available

Cinnamyl alcohol

oral	LD50	2000.0	mg/kg	-
<i>Rat</i>				

No data available

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3,7-Dimethyl-1,6-nonadien-3-ol

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

Rat

dermal	LD50	5000.0	mg/kg	-
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Rabbit

No data available

Terpineol

oral	LD50	4000.0	mg/kg	-
------	------	--------	-------	---

Rat

No data available

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

oral	LD50	3100.0	mg/kg	-
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Rat

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

Rabbit

No data available

Isoeugenol

oral	LD50	1560.0	mg/kg	-
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Rat

dermal	LD50	1770.0	mg/kg	-
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Rabbit

No data available

Cinnamaldehyde

oral	LD50	2200.0	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.
 No data available

Further details

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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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. Observe employment restrictions for expectant or nursing mothers.

15.2 Chemical Safety Assessment

Chemical Safety Assessment ---

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SECTION 16: Other information

Hazard statements (CLP)

- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.
- 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.
- H361 Suspected of damaging fertility or the unborn child.
- 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

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.