

# SAFETY DATA SHEET

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

Item number/ Trade name  
Version/ Issue date:

**14460-401-1**

**5 / 02/21/2025**

Print date **04/15/2026**  
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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 14460-401-1
UFI	Fruity Pinot Grigio 8TMS-GMRK-8U1N-XW8J

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

### 2.2 Label elements



#### Signal word

Warning

#### Hazard pictograms

GHS07 Exclamation mark

#### Hazard statements

H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.  
H412 Harmful to aquatic life with long lasting effects.

#### Safety precautions

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P273 Avoid release to the environment.  
P362+P364 Take off contaminated clothing and wash it before reuse.

#### Hazard components for labelling

Linalyl acetate  
Citronellol  
5,8-Methano-2H-1-benzopyran, 6-ethylideneoctahydro-  
Eugenol  
Linalool

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delta-Damascone

## 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

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### 3.2 Mixtures

#### Hazardous ingredients

Linalyl acetate: 0,1 % - 0,99 % 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

Citronellol: 0,1 % - 0,99 % CAS-Number: 106-22-9 EC-number: 203-375-0 REACH registration No.: 01-2119453995-23-XXXX Classification according to EC regulation 1272/2008 (CLP): Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

5,8-Methano-2H-1-benzopyran, 6-ethylideneoctahydro-: 0,1 % - 0,99 % CAS-Number: 93939-86-7 EC-number: 300-376-9 Classification according to EC regulation 1272/2008 (CLP): Aquatic Chronic 2; H411 / Skin Sens. 1B; H317

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

2-Phenylethanol: 10 % - 24,99 % 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

ethyl octanoate: 3 % - 9,99 % CAS-Number: 106-32-1 EC-number: 203-385-5 REACH registration No.: 01-2120765584-44 Classification according to EC regulation 1272/2008 (CLP): Aquatic Chronic 2; H411

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Linalool: 1 % - 2,49 % 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

Phenethyl acetate: 1 % - 2,49 % 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

3-Methylbutan-1-ol: 1 % - 2,49 % CAS-Number: 123-51-3 EU index number: 603-006-00-7 EC-number: 204-633-5 Classification according to EC regulation 1272/2008 (CLP): Acute Tox. 4; H332 / Eye Dam. 1; H318 / Flam. Liq. 3; H226 / STOT SE 3; H335 / Skin Irrit. 2; H315

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

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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

### 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

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### 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

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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
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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	colourless up to light yellow
Odour	characteristic fruity

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	67 °C c.c.	---		
Ignition temperature	---	---		
PH	---	---	---	---
Viscosity	---	---	---	---
Solubility	---		---	---
Partition coefficient: n-octanol/water	---			---
Vapour pressure	ber. 1,793 hPa	---	20 °C	---
Density and/or relative density	0,887 g/cm <sup>3</sup>	---	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

<b>10.1 Reactivity</b>	No data available
<b>10.2 Chemical stability</b>	No data available
<b>10.3 Possibility of hazardous reactions</b>	Strong oxidizing agents
<b>10.4 Conditions to avoid</b>	No data available
<b>10.5 Incompatible materials</b>	No data available
<b>10.6 Hazardous decomposition products</b>	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

##### **Linalyl acetate**

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

*Rat*

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

*Rabbit*

#### Toxicological tests: components

##### **Citronellol**

oral	LD50	3450.0	mg/kg	-
------	------	--------	-------	---

*Rat*

dermal	LD50	2650.0	mg/kg	-
--------	------	--------	-------	---

*Rabbit*

#### Toxicological tests: components

##### **5,8-Methano-2H-1-benzopyran, 6-ethylideneoctahydro-**

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

*Rat*

#### Toxicological tests: components

##### **Eugenol**

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

*guinea pig*

#### Toxicological tests: components

##### **2-Phenylethanol**

oral	LD50	1610.0	mg/kg	-
------	------	--------	-------	---

*Rat*

#### Toxicological tests: components

##### **ethyl octanoate**

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

*Rat*

#### Toxicological tests: components

##### **Linalool**

oral	LD50	2790.0	mg/kg	-
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*Rat*

## Toxicological tests: components

### Phenethyl acetate

oral	LD50	3670.0	mg/kg	-
------	------	--------	-------	---

*Rat*

dermal	LD50	6210.0	mg/kg	-
--------	------	--------	-------	---

*Rabbit*

## Toxicological tests: components

### 3-Methylbutan-1-ol

dermal	LD50	3970.0	mg/kg	-
--------	------	--------	-------	---

*Rabbit*

## Toxicological tests: components

### delta-Damascone

oral	LD50	1400.0	mg/kg	-
------	------	--------	-------	---

*Rat*

Acute toxicity

No data available

Skin corrosion/irritation

No data available

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

### 14.7 Maritime transport in bulk according to IMO instruments

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### 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

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

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Reason of change

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### 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