

SAFETY DATA SHEET

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

Item number/ Trade name **11625-401-2**
 Version/ Issue date: **4 / 11/01/2023**

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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 11625-401-2 |
| UFI | Strawberry Fields 6261-01PF-800H-N42G |

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.
 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 | H317 May cause an allergic skin reaction. H412 Harmful 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. |

Hazard components for labelling

2-Benzylideneheptanal
 Ethyl 2,3-epoxy-3-phenylbutyrate

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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

2-Benzylideneheptanal: 0,1 % - 0,99 %

CAS-Number: 122-40-7

EINECS / ELINCS / NLP: 204-541-5

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

Aquatic Chronic 2; H411 / Skin Sens. 1B; H317

Ethyl 2,3-epoxy-3-phenylbutyrate: 10 % - 24,99 %

CAS-Number: 77-83-8

EINECS / ELINCS / NLP: 201-061-8

REACH registration No.: 01-2119967770-28

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

Aquatic Chronic 2; H411 / Skin Sens. 1B; H317

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

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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 |
|--------------------------|-------------------|

SECTION 5: Firefighting measures

5.1 Extinguishing media

| | |
|---|--|
| Suitable extinguishing media | dry extinguishing powder, Alcohol resistant foam , : MITI (1992) 0,35 , 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 | C15H300 |
| Additional information | Do not allow water used to extinguish fire to enter drains, ground or waterways. > |

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 and containers | Keep container tightly closed in a cool, well-ventilated place. Protect from light. Chemical basic material |
| 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. Daphnia: 260 mg/L /48h (IUCLID) 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 | LC50 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 colourless
 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 | > 69 °C c.c. | --- | | |
| Ignition temperature | --- | --- | | |
| PH | --- | --- | --- | --- |
| Viscosity | --- | --- | --- | --- |
| Solubility | --- | --- | --- | --- |
| Partition coefficient: n-octanol/water | --- | --- | | --- |
| Vapour pressure | 0,9739 hPa | --- | 20 °C | --- |
| Density and/or relative density | 0,98797 g/cm ³ | --- | 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

2-Benzylideneheptanal

| | | | | |
|------|------|--------|-------|---|
| oral | LD50 | 3730.0 | mg/kg | - |
|------|------|--------|-------|---|

Rat

Toxicological tests: components

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Ethyl 2,3-epoxy-3-phenylbutyrate

| | | | | |
|-------------------------|------|--------|-------|---|
| oral <i>Rat</i> | LD50 | 5000.0 | mg/kg | - |
| dermal <i>Rabbit</i> | LD50 | 5000.0 | mg/kg | - |

Toxicological tests: components

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

| | | | | |
|--------------------|------|--------|-------|---|
| oral <i>Rat</i> | LD50 | 3940.0 | mg/kg | - |
|--------------------|------|--------|-------|---|

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

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.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

| | |
|----------------|--|
| Product | |
| Recommendation | Discharge into the environment must be avoided. Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers. 20 - 40 °C |
| 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

ADR, IATA, IMDG not 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

ADR, IATA, IMDG ---

14.5 Environmental hazards

Marine Pollutant - IMDG ---
 EmS ---
 Stowage and segregation ---

14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

14.7 Maritime transport in bulk according to IMO instruments

Additional information

EQ ---
 Limited quantities ---
 Special Provisions ---
 Tunnel restriction ---
 Transport category ---
 Kemmler-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

Germany

| | |
|------------------------------------|-----|
| Storage class | 10 |
| Water Hazard Class | 2 |
| Incident regulation | --- |
| Information on working limitations | --- |

15.2 Chemical Safety Assessment

| | |
|----------------------------|-----|
| Chemical Safety Assessment | --- |
|----------------------------|-----|

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SECTION 16: Other information

Hazard statements (CLP)

- H317 May cause an allergic skin reaction.
- 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