

Trade name: Butane tail docker, incl. 200 ml gas

Version: 2 / DK

Date revised: 06.02.2025

Substance number:: 221

Replaces Version: 1 / DK

Print date: 27.03.2025

## **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

### **1.1. Product identifier**

Butane tail docker, incl. 200 ml gas

#### **Registration no.**

UFI

8FED-W1JU-H00A-XEP4

#### **Substance / product identification**

PR-No.

15683, 1753, 221

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

#### **Use of the substance/preparation**

Gas cartridge

#### **Identified Uses**

SU1

Agriculture, forestry, fishery

### **1.3. Details of the supplier of the safety data sheet**

#### **Address/Manufacturer**

Albert Kerbl GmbH

Felizenzell 9

84428 Buchbach

Telephone no. +49 8086 933-100

Fax no. +49 8086 933-500

Information provided by / telephone Albert Kerbl GmbH Tel.: 0049-(0)8086-933-302

E-mail address of person responsible for this SDS sdb-team@kerbl.com

### **1.4. Emergency telephone number**

Joint poison information center for the states of Mecklenburg-Western Pomerania, Saxony, Saxony-Anhalt and Thuringia c/o HELIOS Klinikum Erfurt Nordhäuser Strasse 74

Tel.: (03 61) 73 07 30 - Fax: (03 61) 7 30 73 17

E-Mail: ggiz@ggiz-erfurt.de - Internet: www.ggiz-erfurt.de

Nødtelefon: +45 82 12 12 12 (Giftlinjen, Bispebjerg Hospital)

## **SECTION 2: Hazards identification \*\*\***

### **2.1. Classification of the substance or mixture**

#### **Classification (Regulation (EC) No. 1272/2008)**

Classification (Regulation (EC) No. 1272/2008)

Aerosol 1

H222

Aerosol 3

H229

\*\*\*

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

## Safety data sheet in accordance with regulation (EC) No 1907/2006

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For explanation of abbreviations see section 16.

### 2.2. Label elements

#### Labelling according to regulation (EC) No 1272/2008

##### Hazard pictograms \*\*\*



##### Signal word \*\*\*

Danger

##### Hazard statements \*\*\*

H222 Extremely flammable aerosol.  
H229 Pressurized container: may burst if heated.

##### Precautionary statements \*\*\*

P102 Keep out of reach of children.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P403 Store in a well-ventilated place.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

### 2.3. Other hazards

The product contains no PBT or vPvB substances.

## SECTION 3: Composition/information on ingredients \*\*\*

### 3.2. Mixtures

#### Further ingredients \*\*\*

##### Butane

CAS No. 106-97-8  
EINECS no. 203-448-7  
Concentration >= 50 %

[3]

Classification (Regulation (EC) No. 1272/2008)

Flam. Gas 1 H220  
Press. Gas

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note C, U

##### propane

CAS No. 74-98-6  
EINECS no. 200-827-9  
Concentration >= 25 < 50 %

[3]

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Classification (Regulation (EC) No. 1272/2008)

Flam. Gas 1 H220  
Press. Gas

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note U

**Isobutane**

CAS No. 75-28-5

EINECS no. 200-857-2

Concentration  $\geq 1 < 10$  %  
[3]

Classification (Regulation (EC) No. 1272/2008)

Flam. Gas 1 H220  
Press. Gas

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note C, U

**Note \*\*\***

[3] Substance with occupational exposure limits

## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

#### **General information**

In case of persistent symptoms consult doctor. Burn: Rinse thoroughly with water until pain stops. Remove clothing that does not stick to the skin and seek medical advice/transport to hospital. If possible, continue flushing until medical help arrives.

#### **After inhalation**

Ensure supply of fresh air. When vapours are intensively inhaled, seek medical help immediately.

#### **After skin contact**

Wash off immediately with soap and water. Take medical treatment.

#### **After eye contact**

Separate eyelids, wash the eyes thoroughly with water (15 min.). Remove contact lenses. Continue rinsing. Seek medical advice immediately.

#### **After ingestion**

If swallowed, seek medical advice immediately and show this container or label. Rinse mouth thoroughly with water. Let plenty of water be drunk in small gulps. Do not induce vomiting.

#### **Adhere to personal protective measures when giving first aid**

First aider: Pay attention to self-protection!

### **4.2. Most important symptoms and effects, both acute and delayed**

Until now no symptoms known so far.

### **4.3. Indication of any immediate medical attention and special treatment needed**

#### **Hints for the physician / hazards**

Treat symptomatically

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## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Dry powder, Foam, Water spray jet

#### **Non suitable extinguishing media**

Full water jet

### **5.2. Special hazards arising from the substance or mixture**

In case of combustion evolution of dangerous gases possible.

### **5.3. Advice for firefighters**

#### **Special protective equipment for fire-fighting**

Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus.

#### **Other information**

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin, eyes and clothing. Refer to protective measures listed in Sections 7 and 8.

### **6.2. Environmental precautions**

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater. In case the product spills into sewage waters, immediately inform the authorities.

### **6.3. Methods and material for containment and cleaning up**

Pick up with absorbent material. Dispose of absorbed material in accordance with the regulations.

### **6.4. Reference to other sections**

Refer to protective measures listed in Sections 7 and 8.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

#### **Advice on safe handling**

Avoid formation of aerosols. Perform filling operations only at stations with exhaust ventilation facilities. Provide suitable exhaust ventilation at the processing machines. Keep container tightly closed.

### **7.2. Conditions for safe storage, including any incompatibilities**

#### **Requirements for storage rooms and vessels**

Keep in original packaging, tightly closed. Storage rooms must be properly ventilated. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Provide solvent-resistant and impermeable floor.

#### **Storage classes**

Storage class according to TRGS 510

2B

Aerosol dispensers

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**Further information on storage conditions**

Keep container tightly closed. Keep container in a well-ventilated place. Keep in a cool place. Gas mixture is heavier than air and spreads on the ground.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Other information**

There are not known any further control parameters.

**8.2. Exposure controls****General protective and hygiene measures**

Hold eye wash fountain available. Hold emergency shower available. Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

**Respiratory protection**

If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.

**Hand protection**

Chemical resistant gloves

Appropriate Material nitrile

Hand protection must comply with EN 374.

Gloves should be selected according to the use and duration of use at the workplace.

**Eye protection**

Safety glasses with side protection shield; Eye protection must comply with EN 166.

**Body protection**

Clothing as usual in the chemical industry. Protective shoes

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

**Physical state** Aerosol

**Colour** colourless

**Odour** odourless

**Melting point**

Remarks not determined

**Freezing point**

Remarks not determined

**Boiling point or initial boiling point and boiling range**

Value -0,5 °C

**Flammability**

not determined

**Upper and lower explosive limits**

Remarks not determined

**Flash point**

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Value	-60	°C
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**Auto-ignition temperature**

Value	365	°C
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**Decomposition temperature**

Remarks	not determined
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**pH value**

Remarks	not determined
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**Viscosity**

Remarks	not determined
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**Solubility(ies)**

Remarks	not determined
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**Partition coefficient n-octanol/water (log value)**

Remarks	not determined
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**Vapour pressure**

Value	2,08	bar
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**Density and/or relative density**

Remarks	not determined
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**Relative vapour density**

Remarks	not determined
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**9.2. Other information****Odour threshold**

Remarks	not determined
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**Evaporation rate (ether = 1) :**

Remarks	not determined
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**Solubility in water**

Remarks	soluble
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**Explosive properties**

evaluation	Container is under pressure: may burst when heated.
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**Oxidising properties**

Remarks	not determined
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**Other information**

None known
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**SECTION 10: Stability and reactivity****10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

Vapours can form an explosive mixture with air.

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**10.4. Conditions to avoid**

Protect from heat/overheating.

**10.5. Incompatible materials**

Oxidising agents

**10.6. Hazardous decomposition products**

None

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

Remarks not determined

**Acute dermal toxicity**

Remarks not determined

**Acute inhalational toxicity**

Remarks not determined

**Acute inhalative toxicity (Components)****Butane**

Species	mouse	
LC50	1237	mg/l

**propane**

Species	mouse	
LC50	1237	mg/l

**Skin corrosion/irritation**

Remarks Based on available data, the classification criteria are not met.

**Serious eye damage/irritation**

Remarks Based on available data, the classification criteria are not met.

**Sensitization**

Remarks Based on available data, the classification criteria are not met.

**Subacute, subchronic, chronic toxicity**

Remarks Based on available data, the classification criteria are not met.

**Mutagenicity**

Remarks Based on available data, the classification criteria are not met.

**Reproductive toxicity**

Remarks Based on available data, the classification criteria are not met.

**Carcinogenicity**

Remarks Based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT)**

Remarks not determined

**11.2. Information on other hazards****Endocrine disrupting properties with respect to humans**

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The product does not contain a substance that has endocrine disrupting properties with respect to humans.

### Other information

There is no data available on the product apart from the information given in this subsection.

## **SECTION 12: Ecological information**

### **12.1. Toxicity**

#### **General information**

not determined

#### **Fish toxicity (Components)**

##### **Butane**

Species	Fish				
LC50		24,11	to	147,54	mg/l

#### **Algae toxicity (Components)**

##### **Butane**

Species	Algae				
EC50		7,71	to	16,5	mg/l

### **12.2. Persistence and degradability**

#### **General information**

not determined

### **12.3. Bioaccumulative potential**

#### **General information**

not determined

#### **Partition coefficient n-octanol/water (log value)**

Remarks	not determined
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### **12.4. Mobility in soil**

#### **General information**

not determined

### **12.5. Results of PBT and vPvB assessment**

#### **General information**

not determined

### **12.6 Endocrine disrupting properties**

#### **Endocrine disrupting properties with respect to the environment**

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

### **12.7. Other adverse effects**

#### **General information**

not determined

#### **General information / ecology**



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Do not allow to enter soil, waterways or waste water canal. Avoid release into the atmosphere.

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**




#### **Disposal recommendations for the product**

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

#### **Disposal recommendations for packaging**

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

## **SECTION 14: Transport information**

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number or ID number	1950	1950	1950
14.2. UN proper shipping name	AEROSOLS	AEROSOLS	Aerosols, flammable
14.3. Transport hazard class(es)	2	2.1	2.1
Label			
Limited Quantity	1 l	1 l	
Transport category	2		
Tunnel restriction code	D		

### **Information for all modes of transport**

#### **14.6. Special precautions for user**

See Sections 6 to 8

### **Other information**

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

Not applicable

## **SECTION 15: Regulatory information**

### **15.2. Chemical safety assessment**

For this preparation a chemical safety assessment has not been carried out.

## **SECTION 16: Other information**

### **Hazard statements listed in Chapter 3**

H222

Extremely flammable aerosol.

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H229

Pressurized container: may burst if heated.

### CLP categories listed in Chapter 3

Aerosol 1

Aerosol, Category 1

Aerosol 3

Aerosol, Category 3

### Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.