



**ES WIRKT.**

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

**E-Bike Kettenöl**

Print date 16.01.2023  
Revision date 16.01.2023  
Version 2.0 (en)  
replaces version of 25.06.2021 (1.5)

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

**1.1 Product identifier**

Trade name/designation E-Bike Kettenöl

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

**Use of the substance/mixture**

For the care of e-bike chains

**Remark**

UFI: KGMC-M1QA-C00Q-FKX9

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

**Manufacturer**

F.W.Klever  
Hauptstraße 20  
D-84168 Aham  
Telephone +49 (0) 8744 96 99 10  
Telefax + 49 (0) 8744 96 99 96  
E-mail info@ballistol.de  
Website www.ballistol.de

Department responsible for information:

Qualitätssicherung  
Telephone +49 (0) 8744 96 99 80

E-mail (competent person):  
info@ballistol.de

**\* 1.4 Emergency telephone number**

Emergency CONTACT (24-Hour-Number): GBK GmbH +49 (0)6132-84463

**\* SECTION 2: Hazards identification**

**\* 2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008 [CLP]	Classification procedure
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Skin Irrit. 2, H315

Eye Irrit. 2, H319

Aquatic Chronic 3, H412

**Hazard statements for health hazards**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

**Hazard statements for environmental hazards**

H412 Harmful to aquatic life with long lasting effects.

**\* 2.2 Label elements**

**\* Labelling according to Regulation (EC) No. 1272/2008 [CLP]**



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### Hazard pictograms



GHS07

### Signal word

Warning

### Hazard statements

H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

### Precautionary statements

P102 Keep out of reach of children.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P501 Dispose of contents/container to recycling

### 2.3 Other hazards

No data available

## SECTION 3: Composition / information on ingredients

### 3.1 Substances

not applicable

### 3.2 Mixtures

#### Hazardous ingredients

CAS No.	EC No.	Substance name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP]	SCL/ M/ ATE
4259-15-8	224-235-5	Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate)	< 5 weight-%	Eye Dam. 1; H318 Aquatic Chronic 2; H411	

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

Remove contaminated, saturated clothing immediately.

#### Following inhalation

Provide fresh air.  
In the event of symptoms refer for medical treatment.

#### Following skin contact

After contact with skin, wash immediately with plenty of water and soap.  
In case of skin irritation, consult a physician.



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**After eye contact**

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

**Following ingestion**

Do NOT induce vomiting.  
If troubles appear bring to a medical treatment  
Rinse mouth thoroughly with water.

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

No data available

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

**Notes for the doctor**

Treat symptomatically.

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**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing media**

Foam  
Carbon dioxide (CO<sub>2</sub>)  
Water spray jet

**Unsuitable extinguishing media**

Full water jet

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

**Hazardous combustion products**

Nitrogen oxides (NO<sub>x</sub>)  
Carbon monoxide

**5.3 Advice for firefighters**

No data available

**Additional information**

Co-ordinate fire-fighting measures to the fire surroundings.

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**SECTION 6: Accidental release measures**

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

**For non-emergency personnel**

Provide adequate ventilation.  
Use personal protection equipment.

**6.2 Environmental precautions**

Do not allow to enter into surface water or drains.

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

**For containment**

Take up residues with absorbent material (e.g. sand, sawdust, general-purpose binder).



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**6.4 Reference to other sections**

No data available

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**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

**Protective measures**

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

Avoid:

Eye contact  
Skin contact

**Advices on general occupational hygiene**

When using do not eat, drink, smoke, sniff.

Storing of food in workroom forbidden.

Wash hands before breaks and after work.

Use protective skin cream before handling the product.

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

**Storage class**

12 non-combustible liquids that cannot be assigned to any of the above storage classes

**Materials to avoid**

Do not store together with:

Food and feedingstuffs

**Further information on storage conditions**

Protect from extreme heat and cold.

Keep cool.

**7.3 Specific end use(s)**

No data available

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**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

No data available

**8.2 Exposure controls**

**Personal protection equipment**

**Eye/face protection**

With demand: protective glasses

**Hand protection**

Gloves (solvent-resistant)

**Body protection:**

Protective clothing

**Environmental exposure controls**

**Technical measures to prevent exposure**

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Physical state**

oily

**Colour**

dark brown

**Odour**

like:

Mineral oil

**Safety relevant basis data**

	Value	Method	Source, Remark
Odour threshold:	not determined		
Melting point/freezing point	not determined		
Boiling point or initial boiling point and boiling range	approx. 180 °C pressure 1013 mbar		
flammability	not determined		
Lower and upper explosion limit	not determined		
Flash point	approx. 80 °C		
Auto-ignition temperature	not determined		
Decomposition temperature	not determined		
pH	not determined		
Viscosity	kinematic approx. 140 (20°C)		
Solubility(ies)	not determined		
Partition coefficient n-octanol/water (log value)	not determined		
Vapour pressure	not determined		
Density and/or relative density	0.9 g/cm <sup>3</sup> (20°C) pressure 1013 mbar		
Relative vapour density	not determined		
particle characteristics	not determined		

### 9.2 Other information

No data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

No data available



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**10.3 Possibility of hazardous reactions**

No data available

**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 hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity**

**Animal data**

	Effective dose	Method, Evaluation	Source, Remark
Acute oral toxicity	> 2000 mg/kg Species Rat		
Acute dermal toxicity	> 5000 mg/kg Species Rabbit		
Acute inhalation toxicity	not determined		

**Skin corrosion/irritation**

not determined

**Serious eye damage/irritation**

not determined

**Sensitisation to the respiratory tract**

not determined

**Skin sensitisation**

not determined

**Germ cell mutagenicity**

not determined

**Carcinogenicity**

not determined

**Reproductive toxicity**

not determined

**STOT-single exposure**

not determined

**STOT-repeated exposure**

not determined

**Aspiration hazard**

not determined

**11.2 Information on other hazards**

**Other information**

When properly used the product according to our experience and the information available to us caused no harmful effects.



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## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity

	Effective dose	Method,Evaluation	Source, Remark
Acute (short-term) fish toxicity	not determined		
Chronic (long-term) fish toxicity	not determined		
Acute (short-term) toxicity to crustacea	not determined		
Chronic (long-term) toxicity to aquatic invertebrate	not determined		
Acute (short-term) toxicity to algae and cyanobacteria	not determined		
Chronic (long-term) toxicity to aquatic algae and cyanobacteria	not determined		
Toxicity to other aquatic plants/organisms	not determined		
Toxicity to microorganisms	not determined		

### 12.2 Persistence and degradability

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

No data available

### 12.6 Endocrine disrupting properties

No data available

### 12.7 Other adverse effects

#### Additional ecotoxicological information

##### Additional information

Do not allow uncontrolled discharge of product into the environment.

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Appropriate disposal / Product

Disposal according to local regulations

#### Appropriate disposal / Package

Completely emptied packages can be recycled.  
Recycle sales packaging via DSD (Duales System Deutschland).



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**SECTION 14: Transport information**

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN number or ID number	-	-	-
14.2 UN proper shipping name	-	-	-
14.3 Transport hazard class(es)	-	-	-
14.4 Packing group	-	-	-
14.5 Environmental hazards	No	No	No

**14.6 Special precautions for user**

No data available

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

No data available

**Land transport (ADR/RID)**

**Remark**

Kein Gefahrgut im Sinne der Transportvorschriften

**Sea transport (IMDG)**

**Remark**

Not classified for this transport carrier.

**Air transport (ICAO-TI / IATA-DGR)**

**Remark**

Not classified for this transport carrier.

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**SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

No data available

**15.2 Chemical Safety Assessment**

Chemical safety assessments for substances in this mixture were not carried out.

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**SECTION 16: Other information**

**Additional information**

National and local regulations concerning chemicals shall be observed.

The information shall be considered in this data accurate and up-to-date knowledge of the revision date. They do not guarantee the adherence of certain features in the sense of legally binding.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.





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**Relevant H- and EUH-phrases (Number and full text)**

H318 Causes serious eye damage.  
H411 Toxic to aquatic life with long lasting effects.

**Indication of changes**

\* Data changed compared with the previous version