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

### 1.1. Product identifier

**Name of product** Ballistol Universalöl-liq

### 1.2. Relevant identified uses of the substance or mixture and uses advised against Recommended intended purpose(s)

For maintaining metal, wood, leather, rubber, synthetic material

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

#### Manufacturer

F.W.Klever  
Hauptstraße 20, D-84168 Aham  
Phone +49 (0) 8744 96 99 10, Fax + 49 (0) 8744 96 99 96  
E-Mail [info@ballistol.de](mailto:info@ballistol.de)  
Internet [www.ballistol.de](http://www.ballistol.de)

#### Advice

Qualitätssicherung  
Phone +49 (0) 8744 96 99 30  
E-mail (competent person):  
[info@ballistol.de](mailto:info@ballistol.de)

### 1.4. Emergency telephone number

#### Emergency advice

Dr.Zettler (Werktags von 8.00 Uhr bis 16.00 Uhr) oder  
Giftnotrufzentrale 022819240  
Phone +49 (0) 8744 96 99 30  
This number is only available at office times.

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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]**

#### Additional hints

This mixture is not classified as hazardous according to Regulation (EC) 1272/2008 [GHS].

### 2.2. Label elements

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

No information available.

### 2.3. Other hazards

No information available.

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## SECTION 3: Composition/ information on ingredients

### 3.1. Substances

not applicable

### 3.2. Mixtures

#### Additional advice

no harmful ingredients



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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### In case of inhalation

Ensure of fresh air.

#### In case of skin contact

No special measure necessary.

#### In case of eye contact

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

#### In case of ingestion

No special measure necessary.

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

No information available.

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

#### Treatment (Advice to doctor)

Treat symptoms.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Foam

ABC powder

Carbon dioxide

#### Unsuitable extinguishing media

Full water jet

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

In the event of fire the following can be released:

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

Carbon dioxide (CO<sub>2</sub>)

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply ( isolated ).

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## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

High risk of slipping due to leakage/spillage of product.

### 6.2. Environmental precautions

Do not seep away runed out product into ground or body of water.

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

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



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#### 6.4. Reference to other sections

No information available.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Advice on safe handling

No special measures necessary if used correctly.

##### General protective measures

Avoid contact with the eyes.

##### Hygiene measures

Remove soiled or soaked clothing immediately.

Wash hands before breaks and after work.

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

##### Requirements for storage rooms and vessels

Keep only in original container.

##### Further information on storage conditions

Recommended storage temperature: room temperature.

##### Information on storage stability

At appropriate storage unlimited stability.

**Storage group** 12

#### 7.3. Specific end use(s)

No information available.

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No information available.

#### 8.2. Exposure controls

##### Hand protection

Ballistol is dermatologically tested and rated "very good", so that the hand guard or the skin is not necessary.

##### Eye protection

With demand: protective glasses

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

##### Appearance

oily

##### Colour

yellowish

##### Odour

characteristic

**Odour threshold**



not determined

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value</b>	ca. 8				emulsion in water
<b>Boiling temperature / boiling range</b>	not determined				
<b>Melting point / Freezing point</b>	not determined				
<b>Flash point</b>	55 °C				
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not determined				
<b>Flammability (gas)</b>	not determined				
<b>Ignition temperature</b>	not determined				
<b>Self ignition temperature</b>	not determined				
<b>Lower explosion limit</b>	no				
<b>Upper explosion limit</b>	no				
<b>Vapour pressure</b>	not determined				
<b>Relative density</b>	0,884 g/ml	20 °C	1 atm		
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>		20 °C	1 atm		emulsifiable
<b>Solubility/other</b>	not determined				
<b>Partition coefficient n-octanol/water (log P O/W)</b>	not determined				
<b>Decomposition temperature</b>	not determined				
<b>Viscosity kinematic</b>	ca. 195 mm <sup>2</sup> /s	20 °C			
<b>Oxidising properties</b>	No information available.				
<b>Explosive properties</b>	No information available.				



## 9.2. Other information

No information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No information available.

### 10.2. Chemical stability

No information available.

### 10.3. Possibility of hazardous reactions

No information available.

### 10.4. Conditions to avoid

No information available.

### 10.5. Incompatible materials

#### Substances to avoid

Reactions with strong oxidising agents.

### 10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide.

#### Additional information

Product is stable under normal storage conditions

The product must not be marked as light-inflamatory, because the check L. 2 of the order (EC) No. 1272/2008 has been negative.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>	no			
<b>LD50 acute dermal</b>	no			
<b>LC50 acute inhalation</b>	no			
<b>Skin irritation</b>	non-irritant			lásd 8 fejezet "kesztyű"
<b>Eye irritation</b>	low irritant - no labeling duty			experiences
<b>Skin sensitization</b>	non-sensitizing			

#### Experiences made from practice



## SECTION 12: Ecological information

### 12.1. Toxicity

No information available.

### 12.2. Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
<b>Biological degradability</b>	The product is biodegradable.			

### 12.3. Bioaccumulative potential

No information available.

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

No information available.

### 12.6. Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Waste code No.

13 02 07\*

#### Name of waste

readily biodegradable engine, gear and lubricating oils

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

### Recommendations for packaging

Totally emptied packaging may be taken for recycling.

Barrel: return by DSD ( Dualistic System Germany )

### General information

Waste removal corresponding to official directives

## ! SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
<b>14.1. UN number</b>	1268	1268	1268
<b>14.2. UN proper shipping name</b>	Erdöldestillate n.a.g. (Butanole)	Erdöldestillate n.a.g. (Butanole)	Petroleum distillates n.o.s. (Butanole)
<b>14.3. Transport hazard class(es)</b>	3	3	3
<b>14.4. Packing group</b>	III	III	III



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	<b>ADR/RID</b>	<b>IMDG</b>	<b>IATA-DGR</b>
<b>14.5. Environmental hazards</b>	No	No	No

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**14.6. Special precautions for user**

No information available.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

No information available.

**Land and inland navigation transport ADR/RID**

Classification code F1

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**SECTION 15: Regulatory information**

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

**National regulations**

**Water hazard class** 1 self-classification

**15.2. Chemical Safety Assessment**

No information available.

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**SECTION 16: Other information**

**Recommended uses and restrictions**

National and local regulations concerning chemicals shall be observed.

**Further information**

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 7.4