



**ES WIRKT.**

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

**Ballistol Universalöl-flüssig**

Print date 28.04.2023  
Revision date 28.04.2023  
Version 9.1 (en)  
replaces version of 14.12.2022 (9.0)

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

**1.1 Product identifier**

Trade name/designation Ballistol Universalöl-flüssig  
Unique Formula Identifier UFI: JUQA-N1FG-R00C-FP9H

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

**Use of the substance/mixture**  
Preservation of 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  
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

Lieferant / Supplier:  
Carl Roth GmbH + Co KG  
Schoemperlenstr. 3-5  
76185 Karlsruhe, Germany  
+49 721 5606 0  
sicherheit@carlroth.de

**1.4 Emergency telephone number**

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

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**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Remark**  
The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

**2.2 Label elements**

No data available

**2.3 Other hazards**

No data available

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

**3.1 Substances**

not applicable

**3.2 Mixtures**

**Remark**  
no harmful ingredients



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**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

**Following inhalation**

Provide fresh air.

**Following skin contact**

No special measures are necessary.

**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**

No special measure necessary.

**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  
ABC-powder  
Carbon dioxide (CO<sub>2</sub>)

**Unsuitable extinguishing media**

Full water jet

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

**Hazardous combustion products**

In the event of fire the following can be released:  
Nitrogen oxides (NO<sub>x</sub>)  
Carbon monoxide

**5.3 Advice for firefighters**

**Special protective equipment for firefighters**

In case of fire: Wear self-contained breathing apparatus.

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**SECTION 6: Accidental release measures**

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

**For non-emergency personnel**

Special danger of slipping by leaking/spilling product.



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**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**

**For containment**

Suitable material for taking up:

Sand

Sawdust

Universal binder

**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**

No special measures are necessary.

Avoid:

Eye contact

**Advices on general occupational hygiene**

Remove contaminated, saturated 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/Store only in original container.

**Storage class**

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

**Further information on storage conditions**

Recommended storage temperature: room temperature.

At appropriate storage unlimited stability.

**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**

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



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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Physical state**

oily

**Colour**

yellowish

**Odour**

characteristic

**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	not determined		
flammability	not determined		
Lower and upper explosion limit	Upper explosion limit		none
Lower and upper explosion limit	Lower explosion limit		none
Flash point	55 °C		
Auto-ignition temperature	not determined		
Decomposition temperature	not determined		
pH	in delivery state approx. 8 (20°C)		emulsion in water
Viscosity	kinematic approx. 40 mm <sup>2</sup> /s (20°C)		
Solubility(ies)	Water solubility (20°C) pressure 1 atm		emulsifiable
Partition coefficient n-octanol/water (log value)	not determined		
Vapour pressure	not determined		
Density and/or relative density	approx. 0.863 g/mL (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

**10.3 Possibility of hazardous reactions**

No data available

**10.4 Conditions to avoid**

No data available

**10.5 Incompatible materials**

Oxidising agent, strong

**10.6 Hazardous decomposition products**

Carbon monoxide  
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.

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\* **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			none
Acute dermal toxicity			none
Acute inhalation toxicity			none

\* **Skin corrosion/irritation**

**Animal data**

Result / Evaluation	Method	Source, Remark
non-irritant.		See Chapter 8 "Gloves"

**Serious eye damage/irritation**

**Animal data**

Result / Evaluation	Method	Source, Remark
slightly irritant but not relevant for classification.		experiences

**Sensitisation to the respiratory tract**

not determined

**Skin sensitisation**



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**Animal data**

Result / Evaluation	Dose / Concentration	Method	Source, Remark
not sensitising.			

**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**

Ballistol Oil has been used by many consumers for over 100 years, e.g. for skin care and other human applications, including internally. There are no reports of intolerance, intoxication or chronic toxic effects.

**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**

	Value	Method	Source, Remark
Biodegradation			Biodegradable.

**12.3 Bioaccumulative potential**

No data available



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**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**

No data available

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**Waste codes/waste designations according to EWC/AVV**

Waste code product Waste name

130207 \* readily biodegradable engine, gear and lubricating oils

**Appropriate disposal / Package**

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

**Remark**

Waste removal corresponding to official directives

**\* SECTION 14: Transport information**

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1 UN number or ID number</b>	-	-	-
<b>14.2 UN proper shipping name</b>	-	-	-
<b>14.3 Transport hazard class(es)</b>	-	-	-
<b>14.4 Packing group</b>	-	-	-
<b>14.5 Environmental hazards</b>	No	No	No
<b>14.6 Special precautions for user</b>	No data available		
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable		

**\* Land transport (ADR/RID)**

**\* Remark**

No dangerous goods according to 2.2.3.1.1 ADR

**\* Sea transport (IMDG)**

**\* Remark**

According to 2.3.1.3 IMDG no dangerous goods



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

**Remark**

No dangerous goods according to IATA 3.3.1.3

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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**

No data available

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**SECTION 16: Other information**

**Additional information**

National and local regulations concerning chemicals shall be observed.

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.

**Indication of changes**

\* Data changed compared with the previous version