



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

1.1. Product identifier

Name of product Ballistol-Öl

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
Internet www.ballistol.de

Advice

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

1.4. Emergency telephone number

Emergency advice

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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to 67/548/EEC or 1999/45/EC

Additional hints

The preparation is not classified as hazardous according to Directive 1999/45/EC.

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.



SECTION 3: Composition/ information on ingredients

Additional advice

no harmful ingredients

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.

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_x)

Carbon dioxide (CO₂)

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply (isolated).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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).

6.4. Reference to other sections

No information available.

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.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No information available.

8.2. Exposure controls

Hand protection

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

Eye protection

With demand: protective glasses

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form

oily

Colour

yellowish

Odour

characteristic



Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state	ca. 8				emulsion in water
Flash point	55 °C				
Lower explosion limit	no				
Upper explosion limit	no				
Relative density	0,884 g/ml	20 °C	1 atm		
Solubility in water		20 °C	1 atm		emulsifiable
Viscosity kinematic	ca. 195 mm ² /s	20 °C			

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

Materials 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 Verordnung (EC) No. 1272/2008 has been negative.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	no			



	Value/Validation	Species	Method	Remark
LD50 acute dermal	no			
LC50 acute inhalation	no			
Irritability skin	non-irritant			siehe Kapitel 8 "Handschutz!"
Irritability eye	low irritant - no labeling duty			experiences
Skin sensitization	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
Biological degradability	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 91/689/EEC 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

Land and inland navigation transport ADR/RID

UN 1268 PETROLEUM DISTILLATES, N.A.G. (Butanole), 3,F1,III, 3 (D/E), ADR including 5 I: LQ7 (up to 30 kg / cargo) more than 5 I: dangerous good

Marine transport IMDG

UN 1268 Petroleum distillates, n.o.s. (Butanole), class 3, VG III, (52°C c.c.), EmS F-E, S-E including 5 I: "LTD QTY" (up to 30 kg/cargo unit) more than 5L: dangerous good

Air transport ICAO/IATA-DGR

Dangerous Good UN 1268 Petroleum distillates, n.o.s., class 3.3, packing grp III, packing instructions 309 (passanger) / 310 (cargot)

Special precautions for user

No information available.

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

No information available.

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

No information available.

15.2. Chemical Safety Assessment

No information available.

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.