



ES WIRKT.

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

Multi-Werkstatt-Öl Spray

Print date 07.03.2024
Revision date 16.10.2023
Version 10.1 (en)
replaces version of 19.07.2023 (10.0)

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

1.1 Product identifier

Trade name/designation Multi-Werkstatt-Öl Spray
Unique Formula Identifier UFI: TYYT-6EA6-300C-1XGV

Hazard components

Kerosin (Erdöl), hydrodesulfuriertes

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

Use of the substance/mixture
corrosion prevention

1.3 Details of the supplier of the safety data sheet

Supplier

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

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
Aerosol 1, H222	



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

Classification procedure

Aerosol 1, H229

Hazard statements for physical hazards

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.

*** 2.2 Label elements**

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

Hazard components

Kerosin (Erdöl), hydrodesulfuriertes

Hazard pictograms



GHS02

Signal word

Danger

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.

Precautionary statements

P102 Keep out of reach of children.
P501 Dispose of contents/container to recycling
P251 Do not pierce or burn, even after use.
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P210 From heat, hot surfaces, sparks, flames and other sources of ignition. Do not smoke.
P211 Do not spray on an open flame or other ignition source.

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	Index No	Substance name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP]	SCL/ M/ ATE
64742-81-0	265-184-9	649-423-00-8	Kerosin (Erdöl), hydrodesulfuriertes	20 - 25 weight-%	Asp. Tox. 1; H304 Aquatic Chronic 2; H411	
74-98-6	200-827-9	601-003-00-5	propane	< 15 weight-%	Flam. Gas 1; H220 Press. Gas	
106-97-8	203-448-7	601-004-00-0	butane	< 15 weight-%	Flam. Gas 1; H220 Press. Gas	



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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.

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.
Medical treatment necessary.
Rinse mouth thoroughly with water.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

Shivering

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Extinguishing powder
Carbon dioxide (CO₂)
Water spray jet

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_x)
Carbon monoxide

5.3 Advice for firefighters

No data available



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Additional information

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No data available

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, kieselguhr).

6.4 Reference to other sections

No data available

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Use only in well-ventilated areas.
Keep away from sources of ignition - No smoking.
Container under pressure
Protect aerosols from temperatures exceeding 50°C/ 122°F
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

Requirements for storage rooms and vessels

Keep/Store only in original container.

Materials to avoid

Do not store together with:
Oxidising agent

Further information on storage conditions

Keep in a cool, well-ventilated place.

7.3 Specific end use(s)

No data available



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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

Table with 4 columns: CAS No, EC No, Substance name, occupational exposure limit value. Contains data for n-Butane with various exposure limits.

8.2 Exposure controls

Personal protection equipment

Eye/face protection

tightly fitting goggles

Hand protection

Gloves (oil-resistant)

Respiratory protection

Respiratory protection necessary at: high concentrations

Environmental exposure controls

Technical measures to prevent exposure

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state

oily

Colour

brownish

Odour

like Petroleum

Safety relevant basis data

Table with 4 columns: Property, Value, Method, Source, Remark. Lists properties like Odour threshold, Melting point, Boiling point, flammability, and explosion limits.



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	Value	Method	Source, Remark
Lower and upper explosion limit	Lower explosion limit approx. 0.6 Vol-%		information concern solvent
Flash point	> 65 °C		information for solvent
Auto-ignition temperature	> 200 °C		This data refers to the solvent.
Decomposition temperature	not determined		
pH	not determined		
Viscosity	kinematic 21 mm ² /s (20°C)		information concerns to liquid phase
Solubility(ies)	Water solubility		Immiscible
Partition coefficient n-octanol/water (log value)	not determined		
Vapour pressure	not determined		
Density and/or relative density	0.86 g/cm ³ (20°C) pressure 1013 mbar		information concerns to liquid phase
Relative vapour density	not determined		
particle characteristics	not determined		

9.2 Other information

No data available

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

10.6 Hazardous decomposition products

Carbon monoxide
Carbon dioxide

Additional information

Product is stable under normal storage conditions



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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	> 5060 mg/kg Species Rat	OECD 401	Details refer to the solvent
Acute dermal toxicity	3400 mg/kg Species Rabbit	OECD 402	Information refer to the solvent
Acute inhalation toxicity	13.1 mg/L Species Rat	OECD 403	Details refer to the solvent

Skin corrosion/irritation

not determined

Serious eye damage/irritation

not determined

Sensitisation to the respiratory tract

not determined

Skin sensitisation

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

No data available

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		



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	Effective dose	Method, Evaluation	Source, Remark
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			The main components are probably slightly degradable, but some components are persistent in the environment

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.
The breakdown properties of the product have not been tested. The information on these is given on the basis of details in the literature.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste codes/waste designations according to EWC/AVV

Waste code product	Waste name
130208 *	other engine, gear and lubricating oils

Appropriate disposal / Package

Non-contaminated packages may be recycled.
Recycle sales packaging via DSD (Duales System Deutschland).



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SECTION 14: Transport information

Table with 4 columns: Property, Land transport (ADR/RID), Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR). Rows include UN number, shipping name, hazard class, packing group, and environmental hazards.

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)

UN number or ID number UN 1950
UN proper shipping name AEROSOLS
Transport hazard class(es) 2.1
Hazard label(s) 2.1
Classification code 5F
Packing group -
Environmental hazards ENVIRONMENTALLY HAZARDOUS
Limited quantity (LQ) 1 L
Special provisions 190, 327, 344, 625
Tunnel restriction code D

Sea transport (IMDG)

UN number or ID number UN 1950
UN proper shipping name AEROSOLS
Transport hazard class(es) 2.1
Packing group -
Environmental hazards ENVIRONMENTALLY HAZARDOUS
Limited quantity (LQ) 1 L
Marine pollutant No
EmS F-D, S-U

Air transport (ICAO-TI / IATA-DGR)

UN number or ID number UN 1950
UN proper shipping name Aerosols, flammable
Transport hazard class(es) 2.1
Packing group -
Environmental hazards ENVIRONMENTALLY HAZARDOUS



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SECTION 15: Regulatory information

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

Other regulations (EU)

To follow:

Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

15.2 Chemical Safety Assessment

National regulations

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

SECTION 16: Other information

Abbreviations and acronyms

Aerosol 1: Aerosols, Category 1
Asp. Tox. 1: Aspiration toxicity, Category 1
Aquatic Chronic 2: Long-term (chronic) aquatic hazard, Category 2

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.

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

H220 Extremely flammable gas.
H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.

Indication of changes

* Data changed compared with the previous version