



ES WIRKT.

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

Gunex Spezial-Waffenöl-flüssig

Print date 17.03.2023
Revision date 17.03.2023
Version 2.0 (en)
replaces version of 11.12.2020 (1.8)

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

1.1 Product identifier

Trade name/designation Gunex Spezial-Waffenöl-flüssig
Unique Formula Identifier UFI: C1PC-R14F-V00M-CREF

Hazard components

Kerosine (petroleum), hydrodesulfurized

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

Use of the substance/mixture

corrosion prevention
Lubricant

*** 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

Skin Irrit. 2, H315



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

Classification procedure

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]**

Hazard components

Kerosine (petroleum), hydrodesulfurized

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.
P101 If medical advice is needed, have product container or label at hand.
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
64742-81-0	265-184-9	Kerosine (petroleum), hydrodesulfurized	weight-%	Asp. Tox. 1; H304	



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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

No data available

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

Carbon dioxide (CO₂)

5.3 Advice for firefighters

Special protective equipment for firefighters

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

Wear full chemical protective clothing.



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Additional information

Co-ordinate fire-fighting measures to the fire surroundings.
Use water spray jet to protect personnel and to cool endangered containers.

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.
Remove all sources of ignition.
Do not breath vapour or spray.
Special danger of slipping by leaking/spilling product.

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

Disposal: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Avoid:
generation/formation of aerosols
Use only in well-ventilated areas.
Keep away from sources of ignition - No smoking.
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 container tightly closed.

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:
Oxidising agent



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7.3 Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No data available

8.2 Exposure controls

Personal protection equipment

Eye/face protection

tightly fitting goggles

Hand protection

Gloves (oil-resistant)

Body protection:

Protective clothing

Respiratory protection

Respiratory protection necessary at:
aerosol or mist formation

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

dunkelbraun, trüb

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			
flammability	not determined		
Lower and upper explosion limit	not determined		
Flash point	not determined		
Auto-ignition temperature	not determined		



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	Value	Method	Source, Remark
Decomposition temperature	not determined		
pH	not determined		
Viscosity	kinematic approx. 28 mm ² /s (20°C)		
Solubility(ies)	Water solubility		Immiscible
Partition coefficient n-octanol/water (log value)	not determined		
Vapour pressure	not determined		
Density and/or relative density	approx. 0.87 g/cm ³ (20°C) pressure 1013 mbar		
Relative vapour density	not determined		
particle characteristics	not determined		

*** 9.2 Other information**

*** Other safety characteristics**

	Value	Method	Source, Remark
refraction index	approx. 1.48 (20°C)		

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

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity



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Animal data

	Effective dose	Method,Evaluation	Source, Remark
Acute oral toxicity	> 2000 mg/kg Species Rat		
Acute dermal toxicity	> 3000 mg/kg Species Rabbit		
Acute inhalation toxicity	not determined		

Skin corrosion/irritation

Animal data

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

Serious eye damage/irritation

Animal data

Result / Evaluation	Method	Source, Remark
slightly irritant		

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

Other information

When properly used the product according to our experience and the information available to us caused no harmful effects.
The product has not been tested. The information is derived from the properties of the individual components.



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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.
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

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

	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		

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

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)

H304 May be fatal if swallowed and enters airways.

Indication of changes

* Data changed compared with the previous version