



**ES WIRKT.**

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

**Silikon-Öl-Spray**

Print date 14.12.2022  
Revision date 29.11.2022  
Version 7.9 (en)  
replaces version of 19.08.2022 (7.8)

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

**1.1 Product identifier**

Trade name/designation Silikon-Öl-Spray

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

**Use of the substance/mixture**

Lubricant

**Remark**

UFI: 8KJP-CEY1-100J-NR4N

**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

**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
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Aerosol 1, H222 H229  
Skin Irrit. 2, H315  
STOT SE 3, H336  
Aquatic Chronic 2, H411

**Hazard statements for physical hazards**

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

**Hazard statements for health hazards**

H315 Causes skin irritation.  
H336 May cause drowsiness or dizziness.



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Hazard statements for environmental hazards

H411 Toxic to aquatic life with long lasting effects.

2.2 Label elements

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

Hazard pictograms



GHS02



GHS07



GHS09

Signal word

Danger

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P251 Do not pierce or burn, even after use.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P271 Use only outdoors or in a well-ventilated area.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P302 + P352 IF ON SKIN: Wash with plenty of water/...
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 Dispose of contents / container to recycling

Other labelling

Food Pure silicone oil in solvent

2.3 Other hazards

No data available

SECTION 3: Composition / information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

Hazardous ingredients

Table with 7 columns: CAS No., EC No., Substance name, Concentration, Classification according to Regulation (EC) No 1272/2008 [CLP], SCL/ M/ ATE. Rows include hexane and propane.



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CAS No.	EC No.	Substance name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP]	SCL/ M/ ATE
106-97-8	203-448-7	butane	< 15 weight-%	Flam. Gas 1; H220 Press. Gas	

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**Remark**

Aerosol: Propellant propane/butane 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.

**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.  
If troubles appear bring to a medical treatment  
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.

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**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing media**

Foam  
Carbon dioxide (CO<sub>2</sub>)  
Water spray jet

**Unsuitable extinguishing media**

Full water jet



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

**Hazardous combustion products**

Carbon monoxide  
Vapours may form explosive mixtures with air

**5.3 Advice for firefighters**

**Special protective equipment for firefighters**

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

**Additional information**

Use water spray jet to protect personnel and to cool endangered containers.  
Heating causes rise in pressure with risk of bursting

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**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.

**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).

**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**

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

Do not spray on naked flames or any incandescent material.

Keep away from sources of ignition - No smoking.

Protect aerosols from temperatures exceeding 50°C/ 122°F

Do not open with force or incinerate, even when empty

Avoid:

Eye contact

Skin contact

Do not inhale aerosols

**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.



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**7.2 Conditions for safe storage, including any incompatibilities**

**Storage class**

2B Aerosol dispensers and lighters

**Further information on storage conditions**

Protect from extreme heat and cold.  
Keep cool.

**7.3 Specific end use(s)**

No data available

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**Occupational exposure limit values**

CAS No.	EC No.	Substance name	occupational exposure limit value
107-83-5	203-523-4	Hexane, all isomers except n-hexane	500 [ml/m <sup>3</sup> (ppm)] 1800 [mg/m <sup>3</sup> ] Short-term(ml/m <sup>3</sup> ) 1000 Short-term(mg/m <sup>3</sup> ) 3600 (IE)
106-97-8	203-448-7	n-Butane	600 [ml/m <sup>3</sup> (ppm)] 1450 [mg/m <sup>3</sup> ] Short-term(ml/m <sup>3</sup> ) 750 Short-term(mg/m <sup>3</sup> ) 1810 (UK)
107-83-5	203-523-4	Hexane, all isomers except n-hexane	500 [ml/m <sup>3</sup> (ppm)] 1800 [mg/m <sup>3</sup> ] (UK)
106-97-8	203-448-7	n-Butane	Short-term(ml/m <sup>3</sup> ) 1000 (1) (1) 15 minutes average value (IE)

**8.2 Exposure controls**

**Personal protection equipment**

**Eye/face protection**

With demand: protective glasses

**Hand protection**

Gloves (solvent-resistant)

**Body protection:**

Protective clothing

**Respiratory protection**

Respiratory protection necessary at:  
aerosol or mist formation

The following applies to propane in general: If the concentration is exceeded, closed-circuit breathing apparatuses must be used

Use filter apparatus type AX, identification colour brown according to EN 371

**Environmental exposure controls**

**Technical measures to prevent exposure**

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**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**Physical state**

Aerosol

**Colour**

colourless  
clear

**Odour**

like:  
Solvents/Thinner

**Safety relevant basis data**

	Value	Method	Source, Remark
Odour threshold:	not determined		
Melting point/freezing point	melting temperature < -154 °C	DIN ISO 3016	Details refer to the active agent (without consideration of the propellant)
Boiling point or initial boiling point and boiling range	approx. 60 °C		Details refer to the active agent (without consideration of the propellant)
flammability	not determined		
Lower and upper explosion limit	Upper explosion limit approx. 7.4 Vol-%		information concern solvent
Lower and upper explosion limit	Lower explosion limit approx. 1 Vol-%		information concern solvent
Flash point	not determined		
Auto-ignition temperature	not determined		
Decomposition temperature	not determined		
pH	not determined		
Viscosity	not determined		
Solubility(ies)	Water solubility		Immiscible
Partition coefficient n-octanol/water (log value)	not determined		
Vapour pressure	not determined		
Density and/or relative density	approx. 0.74 g/cm <sup>3</sup> (20°C)		information concerns to liquid phase
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**

Formation of explosive gas/air mixtures.  
Container under pressure. Protect from direct exposure to sunlight and temperatures exceeding 50°C/122°F.

**10.5 Incompatible materials**

Oxidising agent, strong

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**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**

**Animal data**

	Effective dose	Method, Evaluation	Source, Remark
Acute oral toxicity	5000 mg/kg Species Rat	OECD 401	Data apply to the main component.
Acute dermal toxicity	3000 mg/kg Species Rat	OECD 402	
Acute inhalation toxicity	172 mg/L Species Rat Exposure time 4 h	OECD	Details refer to the main component

**Skin corrosion/irritation**

**Animal data**

Result / Evaluation	Method	Source, Remark
Irritant. Species Rabbit		

**Serious eye damage/irritation**

**Animal data**

Result / Evaluation	Method	Source, Remark
strongly irritant. Species Rabbit		



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**Sensitisation to the respiratory tract**

not determined

**Skin sensitisation**

**Animal data**

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

**\* Germ cell mutagenicity**

Value	Method	Result / Evaluation	Remark
In vitro mutagenicity/genotoxicity			

**\* Carcinogenicity**

**Animal data**

Value	Method	Result / Evaluation	Remark
Carcinogenicity			

**Reproductive toxicity**

**Animal data**

Value	Method	Result / Evaluation	Remark
Reproductive toxicity		Vzhledem k dostupné údaje, kritéria klasifikace nejsou splněna	

**\* STOT-single exposure**

**Overall Assessment on CMR properties**

**\* STOT SE 1 and 2**

**\* Animal data**

Effective dose	Method	Specific effects:	Organs affected:	Source, Remark
Oral specific target organ toxicity (single exposure)	Species Rat			
Dermal specific target organ toxicity (single exposure)	Species Rat			
Inhalative specific target organ toxicity (single exposure)	Species Rat			

**\* STOT-repeated exposure**

**STOT SE 3**

**Narcotic effects**

**\* Animal data**

Effective dose	Method	Specific effects:	Organs affected:	Source, Remark
Oral specific target organ toxicity (repeated exposure)	Species Rat			





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	Effective dose	Method	Specific effects:	Organs affected:	Source, Remark
Oral specific target organ toxicity (repeated exposure)	Species Rat				
Dermal specific target organ toxicity (repeated exposure)	Species Rat				
Dermal specific target organ toxicity (repeated exposure)	Species Rat				
Inhalative specific target organ toxicity (repeated exposure)	Species Rat				
Inhalative specific target organ toxicity (repeated exposure)	Species Rat				

**\* Aspiration hazard**

not determined

**11.2 Information on other hazards**

No data available

**Other information**

Has a degreasing effect on the skin.

There is no risk for a normal operation application

Frequent persistent contact with the skin may cause skin irritation.

The product has not been tested. The information is derived from the properties of the individual components.

**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		



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**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 estimated

**12.3 Bioaccumulative potential**

**Assessment/classification**

Floats on water, is in liquid form, is adsorbed on Erdbodenpartikel partially and passes into the vapor phase. No groundwater contamination.

**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.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

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

Waste code product	Waste name
140603 *	other solvents and solvent mixtures

**Appropriate disposal / Product**

Dispose as specified by the public authorities.

**Appropriate disposal / Package**

Completely emptied packages can be recycled.

**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>	UN 1950	UN 1950	UN 1950
<b>14.2 UN proper shipping name</b>	AEROSOLS	AEROSOLS	Aerosols, flammable
<b>14.3 Transport hazard class(es)</b>	2.1	2.1	2.1
<b>14.4 Packing group</b>	-	-	-
<b>14.5 Environmental hazards</b>	No	No	No



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**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 No  
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 No  
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 No

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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  
Aerosol directive (75/324/EEC)



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**15.2 Chemical Safety Assessment**

**National regulations**

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

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**SECTION 16: Other information**

**Additional information**

National and local regulations concerning chemicals shall be observed. The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

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

- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.

**Indication of changes**

\* Data changed compared with the previous version