



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

1.1. Product identifier

Name of product Silikon-Öl

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

Recommended intended purpose(s)

Lubricant

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) oder
Giftnotrufzentrale 022819240
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 Regulation (EC) No 1272/2008 [CLP/GHS]

Additional hints

The substance 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

3.1. Substances

not applicable

3.2. Mixtures

not applicable



SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In all cases of doubt or when symptoms persist, seek medical advice.

In case of inhalation

Remove to fresh air

In case of skin contact

Wash immediately with soap and plenty of water while removing contaminated clothing and shoes

In case of eye contact

In case of contact with eyes rinse thoroughly with warm water.

4.2. Most important symptoms and effects, both acute and delayed

Physician's information / possible symptoms

Stearate

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

Alcohol-resistant foam

Dry powder

Carbon dioxide

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Carbon monoxide (CO)

Carbon dioxide (CO₂)

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply (isolated).

Additional information

Cool endangered containers with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Ensure adequate ventilation.

Do not breathe gas / fumes / vapor / spray

High risk of slipping due to leakage/spillage of product.



For emergency responders

In section 8 use recommended personal protection devices.

6.2. Environmental precautions

Next Ecological Section 12

6.3. Methods and material for containment and cleaning up

Take up mechanically and send for disposal.

6.4. Reference to other sections

For national to be monitored exposure parameter see 8. Further ecologic section 12 section.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

Do not breathe gas / fumes / vapor / spray

Use personal protective equipment.

In case of gas leakage or the entry into waterways, soil or drains, inform responsible authorities.

Hygiene measures

At work do not eat, drink, smoke or take drugs.

Wash hands before breaks and after work.

7.2. Conditions for safe storage, including any incompatibilities

Further information on storage conditions

Store closed container at cool and aired place.

Storage group 10

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice

Contains no substances with occupational exposure limit values

8.2. Exposure controls

Respiratory protection

n.a. (non-applicable), no working material

Hand protection

Protective gloves

Eye protection

tightly fitting goggles

Other protection measures

With correct handling not necessary

Limitation and surveillance of the environment

inform local authorities if significant spillages can not be evaporated



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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance
liquid

Colour
colourless, clear

Odour
almost odourless

Odour threshold
not determined

Important health, safety and environmental information

| | Value | Temperature | at | Method | Remark |
|---|----------------|-------------|----|--------|------------|
| pH value | not determined | | | | |
| Boiling temperature / boiling range | not determined | | | | |
| Melting point / Freezing point | not determined | | | | |
| Flash point | > 150 °C | | | | |
| Vapourisation rate | not determined | | | | |
| Flammable (solid) | not determined | | | | |
| Flammability (gas) | not determined | | | | |
| Ignition temperature | not determined | | | | |
| Self ignition temperature | not determined | | | | |
| Lower explosion limit | not determined | | | | |
| Upper explosion limit | not determined | | | | |
| Vapour pressure | | 20 °C | | | |
| Relative density | ca. 0,96 g/cm3 | 20 °C | | | |
| Vapour density | not determined | | | | |
| Solubility in water | | | | | immiscible |
| Solubility/other | not determined | | | | |
| Partition coefficient n-octanol/water (log P O/W) | not determined | | | | |
| Decomposition temperature | not determined | | | | |
| Viscosity kinematic | ca. 87 | | | | |



Oxidising properties

No information available.

Explosive properties

No information available.

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

Substances to avoid

Reactions with strong oxidising agents.

10.6. Hazardous decomposition products

When this product is heated to more than 150 ° C, traces could be released from formaldehyde. Adequate ventilation is required.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritation/Sensitization

| | Value/Validation | Species | Method | Remark |
|--------------------------|------------------|---------|--------|--------|
| LD50 acute oral | 5000 mg/kg | rat | | |
| LD50 acute dermal | 2008 mg/kg | rat | | |

SECTION 12: Ecological information

12.1. Toxicity

No information available.

12.2. Persistence and degradability

No information available.

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

General regulation

Do not allow uncontrolled leakage of product into the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendations for the product

Dispose as specified by the public authorities.

Recommendations for packaging

Totally emptied packaging may be taken for recycling.

! SECTION 14: Transport information

| | ADR/RID | IMDG | IATA-DGR |
|----------------------------------|---------|------|----------|
| 14.1. UN number | - | - | - |
| 14.2. UN proper shipping name | - | - | - |
| 14.3. Transport hazard class(es) | - | - | - |
| 14.4. Packing group | - | - | - |
| 14.5. Environmental hazards | - | - | - |

14.6. Special precautions for user

No information available.

14.7. 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 Other regulations (EU)

Observe regulation 98/24/EC for employee health protection against the threat of chemical substances in the workplace.

National regulations

Restriction of occupation

Observe employment restrictions for young people.



Water hazard class 1 value from literature

15.2. Chemical Safety Assessment

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

SECTION 16: Other information

Recommended uses and restrictions

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.

Further information

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 3.8