



OKS 1600

Version 1.3

Revision Date 2018-04-27

Print Date 2018-04-27

1. Identification of the substance/mixture and of the company/undertaking

Product information

Product name : OKS 1600

Use of the Substance/Mixture : Release agent

Company : OKS Spezialschmierstoffe GmbH
Ganghoferstr. 47
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Tel.: +49 8142 3051 500
Fax.: +49 8142 3051 599

E-mail address : mcm@oks-germany.com
National contact :
Emergency telephone number : +86 10 831 323 45
+49 8142 3051 517

2. Hazards identification

GHS Classification

Not a hazardous substance or mixture.

GHS-Labeling

Not a hazardous substance or mixture.

3. Composition/information on ingredients

Chemical nature : Aqueous solution
Esters

No hazardous ingredients

4. First aid measures

If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.
Keep patient warm and at rest.
If breathing is irregular or stopped, administer artificial respiration.

In case of skin contact : Remove contaminated clothing. If irritation develops, get medical attention.
In case of contact, immediately flush skin with plenty of water.



OKS 1600

Version 1.3

Revision Date 2018-04-27

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- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes. If eye irritation persists, consult a specialist.
- If swallowed : Move the victim to fresh air. Do NOT induce vomiting. Rinse mouth with water.

Notes to physician

- Symptoms : No information available.
- Risks : None known.
- Treatment : No information available.

5. Firefighting measures

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : Fire may cause evolution of:
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. In the case of respirable dust and/or fumes, use self-contained breathing apparatus. Exposure to decomposition products may be a hazard to health.
- Further information : Standard procedure for chemical fires.

6. Accidental release measures

- Personal precautions : Evacuate personnel to safe areas. Use personal protective equipment. Refer to protective measures listed in sections 7 and 8.
- Environmental precautions : Try to prevent the material from entering drains or water courses. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained.



OKS 1600

Version 1.3

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Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

7. Handling and storage

Handling

Advice on safe handling : For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Wash hands and face before breaks and immediately after handling the product.

Storage

Requirements for storage areas and containers : Store in original container.
Keep container closed when not in use.
Keep in a dry, cool and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Store in accordance with the particular national regulations.
Keep in properly labelled containers.

8. Exposure controls/personal protection

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures

Maintain air concentrations below occupational exposure standards.

Personal protective equipment

Respiratory protection : Not required; except in case of aerosol formation.
Filter type A-P

Hand protection : Nitrile rubber
Manufacturer, importer, supplier: Class 1
For prolonged or repeated contact use protective gloves.
The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.



OKS 1600

Version 1.3

Revision Date 2018-04-27

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The break through time depends amongst other things on the material, the thickness and the type of glove and therefore has to be measured for each case.

- Eye protection : Safety glasses with side-shields conforming to EN166
- Hygiene measures : Wash face, hands and any exposed skin thoroughly after handling.
- Protective measures : The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

9. Physical and chemical properties

Appearance

- Physical state : liquid
- Colour : white
- Odour : characteristic

Safety data

- Flash point : Note: Not applicable
- Ignition temperature : Remarks: No data available
- Lower explosion limit : Note: No data available
- Upper explosion limit : Note: No data available
- Flammability (solid, gas) : Not applicable
- Oxidizing properties : Note: No data available
- Auto-ignition temperature : Note: No data available
- pH : 6
- Melting point/range : Note: No data available
- Boiling point/boiling range : 100 °C
- Sublimation point : Note: No data available



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Vapour pressure	: <= 1,100.00 hPa at 50 °C
Density	: 0.98 g/cm3 at 20 °C Method: DIN 51757
Bulk density	: Note: No data available
Water solubility	: Note: immiscible
Partition coefficient: n-octanol/water	: Note: No data available
Solubility in other solvents	: Note: No data available
Viscosity, dynamic	: Note: No data available
Viscosity, kinematic	: Note: No data available
Relative vapour density	: Note: No data available
Evaporation rate	: Note: No data available

10. Stability and reactivity

Conditions to avoid	: No conditions to be specially mentioned.
Materials to avoid	: No materials to be especially mentioned.
Hazardous decomposition products	: No decomposition if stored and applied as directed.
Thermal decomposition	: Note: No data available

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Acute oral toxicity	: Remarks: This information is not available.
Acute inhalation toxicity	: Remarks: This information is not available.
Acute dermal toxicity	: Remarks: This information is not available.



OKS 1600

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Skin corrosion/irritation

Skin irritation : Remarks: This information is not available.

Serious eye damage/eye irritation

Eye irritation : Remarks: This information is not available.

Respiratory or skin sensitisation

Sensitisation : Remarks: This information is not available.

Germ cell mutagenicity

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Remarks: No data available

Target Organ Systemic Toxicant - Repeated exposure

: This information is not available.

Aspiration hazard

Aspiration toxicity : This information is not available.

Further information : Information given is based on data on the components and the toxicology of similar products.

12. Ecological information

Ecotoxicity effects

Toxicity to fish :
Remarks:
No data available

Toxicity to daphnia and other aquatic invertebrates : Remarks:
No data available

Toxicity to algae : Remarks:
No data available

Toxicity to bacteria : Remarks:
No data available



OKS 1600

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Elimination information (persistence and degradability)

- Bioaccumulation : Remarks:
This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).
This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

- Mobility : Remarks:
No data available

- Distribution among environmental compartments : Remarks:
No data available

- Biodegradability : Remarks:
No data available

- Physico-chemical removability : Remarks:
No data available

Further information on ecology

- Additional ecological information : No information on ecology is available.
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13. Disposal considerations

- Product : The product should not be allowed to enter drains, water courses or the soil.

 - Contaminated packaging : Empty containers can be landfilled, when in accordance with the local regulations.
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14. Transport information

ADR

Not dangerous goods

IATA



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Not dangerous goods

IMDG

Not dangerous goods

Other information : No special precautions required.

15. Regulatory information

16. Other information

Further information

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