



OKS 255

Version 1.2

Revision Date 2018-02-21

Print Date 2018-05-29

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

Product information

Product name : OKS 255

Use of the Substance/Mixture : Lubricant

Company : OKS Spezialechmierstoffe GmbH
Ganghoferstr. 47
D-82216 Maisach-Gernlinden
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 : Mineral oil.
Thickening agent

Hazardous components

Chemical name	CAS-No.	Concentration[%]
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	30 - 50
Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	30 - 50
Kaolin, calcined	92704-41-1	1 - 10
Titanium dioxide	13463-67-7	1 - 10
Benzenamine, N-phenyl-, styrenated	68442-68-2	1 - 2.5



OKS 255

Version 1.2

Revision Date 2018-02-21

Print Date 2018-05-29

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.
- 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 without medical advice.

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:
Carbon oxides
Metal oxides
Nitrogen oxides (NOx)
- 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.



OKS 255

Version 1.2

Revision Date 2018-02-21

Print Date 2018-05-29

Further information : Standard procedure for chemical fires.

6. Accidental release measures

- Personal precautions : Evacuate personnel to safe areas. Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust). Avoid breathing dust. Refer to protective measures listed in sections 7 and 8.
- Environmental precautions : Try to prevent the material from entering drains or water courses. Local authorities should be advised if significant spillages cannot be contained.
- Methods for cleaning up : Clean up promptly by sweeping or vacuum. Keep in suitable, closed containers for disposal.

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

Components	CAS-No.	Value	Control	Update	Basis
------------	---------	-------	---------	--------	-------



OKS 255

Version 1.2

Revision Date 2018-02-21

Print Date 2018-05-29

			parameters		
Titanium dioxide	13463-67-7	PC-TWA	8 mg/m3	2007-04-27	GBZ 2.1-2007

Engineering measures

Maintain air concentrations below occupational exposure standards.

Personal protective equipment

- Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. 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. 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 : Tightly fitting safety goggles

- 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

- Form : paste
- Colour : white

- Odour : characteristic



OKS 255

Version 1.2

Revision Date 2018-02-21

Print Date 2018-05-29

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)	: Combustible Solids
Oxidizing properties	: Note: No data available
Auto-ignition temperature	: Note: No data available
pH	: Note: Not applicable
Melting point/range	: Note: No data available
	: Note: Not applicable
Sublimation point	: Note: No data available
Vapour pressure	: < 0.001 hPa at 20 °C
Density	: 0.93 g/cm ³ at 20 °C
Bulk density	: Note: No data available
Water solubility	: Note: insoluble
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: Not applicable
Relative vapour density	: Note: No data available
Evaporation rate	: Note: No data available



OKS 255

Version 1.2

Revision Date 2018-02-21

Print Date 2018-05-29

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.

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

Carcinogenicity

- Distillates (petroleum), solvent-dewaxed heavy paraffinic : Species: Mouse
Print Date: OECD Test Guideline 451

Carcinogenicity

Remarks



OKS 255

Version 1.2

Revision Date 2018-02-21

Print Date 2018-05-29

Distillates (petroleum), hydrotreated heavy paraffinic : Not classifiable as a human carcinogen.

Target Organ Systemic Toxicant - Single exposure

Kaolin, calcined : Exposure routes: Inhalation
Remarks: The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation.

Target Organ Systemic Toxicant - Repeated exposure

: This information is not available.

Target Organ Systemic Toxicant - Repeated exposure

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

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)
Distillates (petroleum), solvent-dewaxed heavy paraffinic : NOEC: 10 mg/l
Exposure time: 21 d
Species: Daphnia magna (Water flea)



OKS 255

Version 1.2

Revision Date 2018-02-21

Print Date 2018-05-29

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

- Acute aquatic toxicity
Benzenamine, N-phenyl-, styrenated : Harmful to aquatic life.

- Chronic aquatic toxicity
Benzenamine, N-phenyl-, styrenated : Harmful to aquatic life with long lasting effects.
Benzenamine, N-phenyl-, styrenated :
Benzenamine, N-phenyl-, styrenated :
Benzenamine, N-phenyl-, styrenated :

- Results of PBT assessment
Distillates (petroleum), hydrotreated heavy paraffinic : Non-classified vPvB substance, Non-classified PBT substance
Additional ecological information : No information on ecology is available.



OKS 255

Version 1.2

Revision Date 2018-02-21

Print Date 2018-05-29

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.

14. Transport information

ADR

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

Other information : No special precautions required.

15. Regulatory information

Other regulations : Law on the Prevention and Control of Occupational Diseases

16. Other information

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

This safety datasheet applies only to products originally packaged and labelled by OKS Spezialschmierstoffe. The information contained therein is protected by copyright and must



OKS 255

Version 1.2

Revision Date 2018-02-21

Print Date 2018-05-29

not be reproduced or amended without the express written approval of OKS Spezi­alschmierstoffe. This document may be passed on only to the extent required by law. Any dissemination of our safety datasheets (e.g. as a document for download from the Internet) beyond this legally required extent is not permitted without express written consent. OKS Spezi­alschmierstoffe provides its customers with amended safety datasheets as prescribed by law. The customer is responsible for passing on safety datasheets and any amendments contained therein to its own customers, employees and other users of the product. OKS Spezi­alschmierstoffe provides no guarantee that safety datasheets received by users from third parties are up-to-date. All information and instructions in this safety datasheets were compiled to the best of our knowledge and are based on the information available to us. The data provided are intended to describe the product in relation to the required safety measures; they are neither an assurance of characteristics nor a guarantee of the product's suitability for particular applications and do not justify any contractual legal relationships.
