

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - ES



## OKS 217

|         |                |                                 |             |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 14.07.2016  | Print Date: |
| 1.1     | 13.02.2018     | Date of first issue: 14.07.2016 | 13.02.2018  |

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

#### 1.1 Product identifier

Product name : OKS 217

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

Use of the Sub-  
stance/Mixture : Lubricant

Recommended restrictions  
on use : Restricted to professional users.

#### 1.3 Details of the supplier of the safety data sheet

Company : OKS Spezialschmierstoffe GmbH  
Ganghoferstr. 47  
D-82216 Maisach-Gernlinden  
Tel.: +49 8142 3051 500  
Fax.: +49 8142 3051 599

E-mail address of person  
responsible for the SDS : mcm@oks-germany.com  
National contact :

#### 1.4 Emergency telephone number

Emergency telephone  
number : +34 91 562 04 20

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture


##### Classification (REGULATION (EC) No 1272/2008)

Skin irritation, Category 2 H315: Causes skin irritation.

Serious eye damage, Category 1 H318: Causes serious eye damage.

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms : 

Signal word : Danger

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - ES



## OKS 217

Version 1.1      Revision Date: 13.02.2018      Date of last issue: 14.07.2016      Print Date: 13.02.2018  
Date of first issue: 14.07.2016

Hazard statements : H315 Causes skin irritation.  
H318 Causes serious eye damage.

Precautionary statements : **Prevention:**  
P264 Wash hands thoroughly after handling.  
P280 Wear protective gloves/ eye protection/ face protection.

**Response:**  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER/doctor.  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.

Hazardous components which must be listed on the label:  
calcium dihydroxide

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : Mineral oil.  
graphite  
solid lubricant

#### Hazardous components

| Chemical name                 | CAS-No.<br>EC-No.<br>Index-No.<br>Registration number | Classification                        | Concentration limits<br>M-Factor<br>Notes | Concentration<br>(% w/w) |
|-------------------------------|---|---------------------------------------|---|--------------------------|
| White mineral oil (petroleum) | 8042-47-5<br>232-455-8<br>01-2119487078-27            | Asp. Tox.1; H304                      |   | >= 30 - < 50             |
| calcium dihydroxide           | 1305-62-0   | Skin Irrit.2; H315<br>Eye Dam.1; H318 |   | >= 10 - < 20             |

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - ES



## OKS 217

Version 1.1      Revision Date: 13.02.2018      Date of last issue: 14.07.2016      Print Date: 13.02.2018  
Date of first issue: 14.07.2016

|  |                        |                |  |              |
|--|------------------------|----------------|--|--------------|
|  | 215-137-3              | STOT SE3; H335 |  |              |
|  | 01-2119475151-45-XXXX  |                |  |              |
| Substances with a workplace exposure limit : |                        |                |  |              |
| Graphite                                     | 7782-42-5<br>231-955-3 |                |  | >= 20 - < 30 |
| zirconium dioxide                            | 1314-23-4<br>215-227-2 |                |  | >= 10 - < 20 |

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.  
Keep patient warm and at rest.  
If unconscious, place in recovery position and seek medical advice.  
Keep respiratory tract clear.  
If breathing is irregular or stopped, administer artificial respiration.
- In case of skin contact : Take off all contaminated clothing immediately.  
Wash off immediately with soap and plenty of water.  
Get medical attention immediately if irritation develops and persists.  
Wash clothing before reuse.  
Thoroughly clean shoes before reuse.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes.  
Get medical attention immediately.
- If swallowed : Move the victim to fresh air.  
If unconscious, place in recovery position and seek medical advice.  
Keep respiratory tract clear.  
Do not induce vomiting without medical advice.  
Never give anything by mouth to an unconscious person.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - ES



## OKS 217

|         |                |                                 |             |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 14.07.2016  | Print Date: |
| 1.1     | 13.02.2018     | Date of first issue: 14.07.2016 | 13.02.2018  |

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

Symptoms : Skin contact may provoke the following symptoms:  
Erythema

Risks : Causes skin irritation.

### 4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

---

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media : High volume water jet

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

Specific hazards during fire-fighting : Fire may cause evolution of:  
Carbon oxides  
Metal oxides

### 5.3 Advice for firefighters

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.

---

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

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.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - ES



## OKS 217

|         |                |                                 |             |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 14.07.2016  | Print Date: |
| 1.1     | 13.02.2018     | Date of first issue: 14.07.2016 | 13.02.2018  |

---

### 6.2 Environmental precautions

Environmental precautions : Try to prevent the material from entering drains or water courses.  
Local authorities should be advised if significant spillages cannot be contained.

### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Clean up promptly by sweeping or vacuum.  
Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For personal protection see section 8.

---

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Avoid contact with skin and eyes.  
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.  
Do not get in eyes or mouth or on skin.  
Do not get on skin or clothing.  
Do not ingest.  
Do not repack.  
These safety instructions also apply to empty packaging which may still contain product residues.  
Keep container closed when not in use.

Hygiene measures : Wash face, hands and any exposed skin thoroughly after handling.

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

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.

### 7.3 Specific end use(s)

Specific use(s) : Consult the technical guidelines for the use of this substance/mixture.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - ES



## OKS 217

Version 1.1      Revision Date: 13.02.2018      Date of last issue: 14.07.2016      Date of first issue: 14.07.2016      Print Date: 13.02.2018

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Occupational Exposure Limits

| Components          | CAS-No.  | Value type (Form of exposure) | Control parameters                  | Basis      |
|---------------------|--|-------------------------------|-------------------------------------|------------|
| Graphite            | 7782-42-5  | VLA-ED (Dust)                 | 2 mg/m <sup>3</sup>                 | ES VLA     |
| Further information | Please refer to UNE EN 481: Workplaces atmospheres. Size fraction definitions for measurement of airborne particles.   |                               |                                     |            |
| calcium dihydroxide | 1305-62-0  | TWA                           | 5 mg/m <sup>3</sup>                 | 91/322/EEC |
| Further information | Indicative, Existing scientific data on health effects appear to be particularly limited   |                               |                                     |            |
|                     |  | VLA-ED                        | 5 mg/m <sup>3</sup>                 | ES VLA     |
| Further information | Chemical agent with an indicative limit value established by the EU. All these chemicals are contained in at least one of the directives of indicative limit values published so far (see Appendix C. Bibliography). Member states shall transpose the limits set in the Directives within a certain time frame. Once adopted, these values have the same validity as the rest of the values adopted by the country. |                               |                                     |            |
| zirconium dioxide   | 1314-23-4  | VLA-ED                        | 5 mg/m <sup>3</sup><br>(Zirconium)  | ES VLA     |
|                     |  | VLA-EC                        | 10 mg/m <sup>3</sup><br>(Zirconium) | ES VLA     |

##### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

| Substance name      | End Use | Exposure routes | Potential health effects | Value               |
|---------------------|---------|-----------------|--------------------------|---------------------|
| calcium dihydroxide | Workers | Inhalation      | Long-term local effects  | 1 mg/m <sup>3</sup> |
|                     | Workers | Inhalation      | Acute local effects      | 4 mg/m <sup>3</sup> |
| silicon dioxide     | Workers | Inhalation      |                          | 4 mg/m <sup>3</sup> |

##### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

| Substance name      | Environmental Compartment                            | Value      |
|---------------------|--|------------|
| calcium dihydroxide | Fresh water  | 0,49 mg/l  |
|                     | Marine water   | 0,32 mg/l  |
|                     | Intermittent use/release                             | 0,49 mg/l  |
|                     | Microbiological Activity in Sewage Treatment Systems | 3 mg/l     |
|                     | Soil   | 1080 mg/kg |

#### 8.2 Exposure controls

##### Engineering measures

Maintain air concentrations below occupational exposure standards.

##### Personal protective equipment

Eye protection : Tightly fitting safety goggles

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - ES



## OKS 217

|         |                |                                 |             |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 14.07.2016  | Print Date: |
| 1.1     | 13.02.2018     | Date of first issue: 14.07.2016 | 13.02.2018  |

Hand protection  
Material : Nitrile rubber  
Protective index : Class 1

Remarks : Wear 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.

Respiratory protection : Not required; except in case of aerosol formation.

Filter type : Filter type A-P

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.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : paste

Colour : black

Odour : characteristic

Odour Threshold : No data available

pH : Not applicable

Melting point/range : No data available

Boiling point/boiling range : No data available

Flash point : Not applicable

Evaporation rate : No data available

Flammability (solid, gas) : Combustible Solids

Upper explosion limit : No data available

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - ES



## OKS 217

|                |                              |   |                           |
|----------------|------------------------------|---|---------------------------|
| Version<br>1.1 | Revision Date:<br>13.02.2018 | Date of last issue: 14.07.2016<br>Date of first issue: 14.07.2016 | Print Date:<br>13.02.2018 |
|----------------|------------------------------|---|---------------------------|

Lower explosion limit : No data available

Vapour pressure : < 0,001 hPa (20 °C)

Relative vapour density : No data available

Density : 1,27 g/cm<sup>3</sup>  
(20 °C)

Bulk density : No data available

Solubility(ies)  
Water solubility : insoluble

Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity  
Viscosity, dynamic : No data available

Viscosity, kinematic : Not applicable

Explosive properties : Not explosive

Oxidizing properties : No data available

### 9.2 Other information

Sublimation point : No data available

Metal corrosion rate : Not corrosive to metals

Self-ignition : not auto-flammable

---

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No hazards to be specially mentioned.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - ES



## OKS 217

|         |                |                                 |             |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 14.07.2016  | Print Date: |
| 1.1     | 13.02.2018     | Date of first issue: 14.07.2016 | 13.02.2018  |

### 10.4 Conditions to avoid

Conditions to avoid : No conditions to be specially mentioned.

### 10.5 Incompatible materials

Materials to avoid : No materials to be especially mentioned.

### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

##### Product:

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

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

Acute dermal toxicity : Symptoms: Redness, Local irritation

##### Components:

#### **White mineral oil (petroleum):**

Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat): > 5.000 mg/l  
Exposure time: 4 h  
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 Dermal (Rabbit): > 3.000 mg/kg  
Method: OECD Test Guideline 402

#### **calcium dihydroxide:**

Acute oral toxicity : LD50 (Rat, female): > 2.000 mg/kg  
Method: OECD Test Guideline 425  
Assessment: The substance or mixture has no acute oral toxicity

Acute dermal toxicity : LD50 (Rabbit): > 2.500 mg/kg  
Method: OECD Test Guideline 402  
Assessment: The substance or mixture has no acute dermal toxicity

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - ES



## OKS 217

|         |                |                                 |             |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 14.07.2016  | Print Date: |
| 1.1     | 13.02.2018     | Date of first issue: 14.07.2016 | 13.02.2018  |

### Graphite:

Acute oral toxicity : LD50 (Rat): > 2.000 mg/kg  
Method: OECD Test Guideline 423  
Assessment: The substance or mixture has no acute oral toxicity

### Skin corrosion/irritation

#### Product:

Remarks: Irritating to skin.

#### Components:

##### **White mineral oil (petroleum):**

Species: Rabbit  
Method: OECD Test Guideline 404  
Result: No skin irritation

##### **calcium dihydroxide:**

Species: Rabbit  
Assessment: Irritating to skin.  
Method: OECD Test Guideline 404  
Result: Irritating to skin.

### Graphite:

Species: Rabbit  
Assessment: No skin irritation  
Method: OECD Test Guideline 404  
Result: No skin irritation  
GLP: yes

### Serious eye damage/eye irritation

#### Product:

Remarks: Risk of serious damage to eyes.

#### Components:

##### **White mineral oil (petroleum):**

Species: Rabbit  
Method: OECD Test Guideline 405  
Result: No eye irritation

##### **calcium dihydroxide:**

Species: Rabbit  
Assessment: Risk of serious damage to eyes.  
Method: OECD Test Guideline 405  
Result: Risk of serious damage to eyes.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - ES



## OKS 217

|         |                |                                 |             |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 14.07.2016  | Print Date: |
| 1.1     | 13.02.2018     | Date of first issue: 14.07.2016 | 13.02.2018  |

### Graphite:

Species: Rabbit  
Assessment: No eye irritation  
Method: OECD Test Guideline 405  
Result: No eye irritation  
GLP: yes

### Respiratory or skin sensitisation

#### Product:

Remarks: This information is not available.

#### Components:

##### White mineral oil (petroleum):

Species: Guinea pig  
Method: OECD Test Guideline 406  
Result: Does not cause skin sensitisation.

##### calcium dihydroxide:

Assessment: Does not cause skin sensitisation.  
Result: Does not cause skin sensitisation.

### Graphite:

Species: Mouse  
Assessment: Does not cause skin sensitisation.  
Method: OECD Test Guideline 429  
Result: Does not cause skin sensitisation.  
GLP: yes

### Germ cell mutagenicity

#### Product:

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Remarks: No data available

#### Components:

##### calcium dihydroxide:

Genotoxicity in vitro : Test Type: Ames test  
Method: OECD Test Guideline 471  
Result: negative

: Test Type: Chromosome aberration test in vitro

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - ES



## OKS 217

|                |                              |   |                           |
|----------------|------------------------------|---|---------------------------|
| Version<br>1.1 | Revision Date:<br>13.02.2018 | Date of last issue: 14.07.2016<br>Date of first issue: 14.07.2016 | Print Date:<br>13.02.2018 |
|----------------|------------------------------|---|---------------------------|

Method: OECD Test Guideline 473  
Result: negative

### Carcinogenicity

**Product:**

Remarks: No data available

### Reproductive toxicity

**Product:**

Effects on fertility : Remarks: No data available

Effects on foetal development : Remarks: No data available

### STOT - single exposure

**Components:**

**calcium dihydroxide:**

Assessment: May cause respiratory irritation.

**Graphite:**

Assessment: The substance or mixture is not classified as specific target organ toxicant, single exposure.

### STOT - repeated exposure

**Components:**

**Graphite:**

Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

### Repeated dose toxicity

**Product:**

Remarks: This information is not available.

### Aspiration toxicity

**Product:**

This information is not available.

**Components:**

**White mineral oil (petroleum):**

May be fatal if swallowed and enters airways.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - ES



## OKS 217

|         |                |                                 |             |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 14.07.2016  | Print Date: |
| 1.1     | 13.02.2018     | Date of first issue: 14.07.2016 | 13.02.2018  |

### Graphite:

No aspiration toxicity classification

### Further information

#### Product:

Remarks: Ingestion causes irritation of upper respiratory system and gastrointestinal disturbance.

#### Components:

##### **White mineral oil (petroleum):**

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

---

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Product:

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 microorganisms :  
Remarks: No data available

#### Components:

##### **White mineral oil (petroleum):**

Toxicity to fish : LC50 (Leuciscus idus (Golden orfe)): > 1.000 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202

##### **calcium dihydroxide:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 50,6 mg/l  
Exposure time: 96 h

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - ES



## OKS 217

|         |                |                                 |             |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 14.07.2016  | Print Date: |
| 1.1     | 13.02.2018     | Date of first issue: 14.07.2016 | 13.02.2018  |

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 49,1 mg/l  
Exposure time: 48 h  
Test Type: static test  
Method: OECD Test Guideline 202  
GLP: yes

Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (green algae)): 184,57 mg/l  
Exposure time: 72 h  
Test Type: static test  
Method: OECD Test Guideline 201  
GLP: yes

### Ecotoxicology Assessment

Acute aquatic toxicity : This product has no known ecotoxicological effects.

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

### Graphite:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 100 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203  
GLP: yes

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202  
GLP: yes

Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201  
GLP: yes

## 12.2 Persistence and degradability

### Product:

Biodegradability : Remarks: No data available

Physico-chemical removability : Remarks: No data available

### Components:

#### calcium dihydroxide:

Biodegradability : Remarks: The methods for determining the biological degradability are not applicable to inorganic substances.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - ES



## OKS 217

|         |                |                                 |             |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 14.07.2016  | Print Date: |
| 1.1     | 13.02.2018     | Date of first issue: 14.07.2016 | 13.02.2018  |

---

### 12.3 Bioaccumulative potential

**Product:**

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).

### 12.4 Mobility in soil

**Product:**

Mobility : Remarks: No data available

Distribution among environmental compartments : Remarks: No data available

### 12.5 Results of PBT and vPvB assessment

**Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

**Components:**

**Graphite:**

Assessment : Non-classified vPvB substance. Non-classified PBT substance.

### 12.6 Other adverse effects

**Product:**

Additional ecological information : No information on ecology is available.

---

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

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

Waste codes should be assigned by the user based on the application for which the product was used.

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

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - ES



## OKS 217

|         |                |                                 |             |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 14.07.2016  | Print Date: |
| 1.1     | 13.02.2018     | Date of first issue: 14.07.2016 | 13.02.2018  |

### SECTION 14: Transport information

#### 14.1 UN number

Not regulated as a dangerous good

#### 14.2 UN proper shipping name

Not regulated as a dangerous good

#### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

#### 14.4 Packing group

Not regulated as a dangerous good

#### 14.5 Environmental hazards

Not regulated as a dangerous good

#### 14.6 Special precautions for user

No special precautions required.

#### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Remarks : Not applicable for product as supplied.

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59) : This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EC) No 850/2004 on persistent organic pollutants : Not applicable

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

Seveso II - Directive 2003/105/EC amending Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances  
Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.  
Not applicable



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - ES



## OKS 217

|         |                |                                 |             |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 14.07.2016  | Print Date: |
| 1.1     | 13.02.2018     | Date of first issue: 14.07.2016 | 13.02.2018  |

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Remarks: Not applicable

### 15.2 Chemical safety assessment

This information is not available.

## SECTION 16: Other information

### Full text of H-Statements

H304 : May be fatal if swallowed and enters airways.  
H315 : Causes skin irritation.  
H318 : Causes serious eye damage.  
H335 : May cause respiratory irritation.

### Full text of other abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - ES



## OKS 217

|         |                |                                 |             |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 14.07.2016  | Print Date: |
| 1.1     | 13.02.2018     | Date of first issue: 14.07.2016 | 13.02.2018  |

for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

### Further information

#### Classification of the mixture:

|               |      |
|---------------|------|
| Skin Irrit. 2 | H315 |
| Eye Dam. 1    | H318 |

#### Classification procedure:

|                    |
|--------------------|
| Calculation method |
| Calculation method |

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