

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519  
CN



## OKS 250

Version	Revision Date:	Date of last issue: 2018-06-08	Print Date:
1.7	2018-08-14	Date of first issue: 2014-04-08	2018-08-16

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : OKS 250

Chemical nature : Synthetic hydrocarbon oil  
solid lubricant  
polyurea

#### Manufacturer or supplier's details

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 :

Emergency telephone number : +86 512 8090 3042 (NCEC, 24 hrs)  
+86 532 8388 9090 (NRCC)

#### Recommended use of the chemical and restrictions on use

Recommended use : Lubricant

Restrictions on use : Restricted to professional users.

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

<b>Appearance</b>	: paste
<b>Colour</b>	: beige
<b>Odour</b>	: characteristic

Causes skin irritation. Causes serious eye damage. May cause damage to organs through prolonged or repeated exposure if swallowed. Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

#### GHS Classification

Skin irritation : Category 2

Serious eye damage : Category 1

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519  
CN



## OKS 250

Version	Revision Date:	Date of last issue: 2018-06-08	Print Date:
1.7	2018-08-14	Date of first issue: 2014-04-08	2018-08-16

Specific target organ toxicity - repeated exposure (Oral) : Category 2

Acute aquatic toxicity : Category 1

Chronic aquatic toxicity : Category 2

### GHS label elements

Hazard pictograms :

Signal word : Danger

Hazard statements : H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H373 May cause damage to organs through prolonged or repeated exposure if swallowed.  
H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**  
P264 Wash hands thoroughly after handling.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ eye protection/ face protection.  
**Response:**  
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.

### Physical and chemical hazards

Not classified based on available information.

### Health hazards

Causes skin irritation. Causes serious eye damage. May cause damage to organs through prolonged or repeated exposure if swallowed.

### Environmental hazards

Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

### Other hazards which do not result in classification

None known.

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519  
CN



## OKS 250

Version 1.7      Revision Date: 2018-08-14      Date of last issue: 2018-06-08      Print Date: 2018-08-16  
Date of first issue: 2014-04-08

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
titanium dioxide	13463-67-7	>= 20 -< 30
calcium dihydroxide	1305-62-0	>= 10 -< 20
Hydroxylapatite (Ca <sub>5</sub> (OH)(PO <sub>4</sub> ) <sub>3</sub> )	1306-06-5	>= 1 -< 10
Amines, N-tallow alkyltrimethylenedi-, oleates	61791-53-5	>= 1 -< 10
distillates (petroleum), solvent-refined heavy paraffinic	64741-88-4	>= 1 -< 10

### 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 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.
- Most important symptoms and effects, both acute and delayed : Causes skin irritation.  
Skin contact may provoke the following symptoms:  
Erythema
- Notes to physician : Treat symptomatically.

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519  
CN



## OKS 250

Version	Revision Date:	Date of last issue: 2018-06-08	Print Date:
1.7	2018-08-14	Date of first issue: 2014-04-08	2018-08-16

### 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 fire-fighting : Fire may cause evolution of:  
Carbon oxides  
Metal oxides  
Nitrogen oxides (NOx)  
Oxides of phosphorus  
Sulphur oxides
- Specific extinguishing methods : Standard procedure for chemical fires.  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
- 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.

### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : 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 : Do not allow contact with soil, surface or ground water.  
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and 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 : Avoid contact with skin and eyes.

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519  
CN



## OKS 250

Version	Revision Date:	Date of last issue: 2018-06-08	Print Date:
1.7	2018-08-14	Date of first issue: 2014-04-08	2018-08-16

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.

Avoidance of contact : No materials to be especially mentioned.

### Storage

Conditions for safe storage : 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 type (Form of exposure)	Control parameters / Permissible concentration	Basis
titanium dioxide	13463-67-7	PC-TWA (Total dust)	8 mg/m <sup>3</sup>	GBZ 2.1-2007
		TWA	10 mg/m <sup>3</sup>	ACGIH
		TWA	10 mg/m <sup>3</sup> (Titanium dioxide)	ACGIH
calcium dihydroxide	1305-62-0	TWA	5 mg/m <sup>3</sup>	ACGIH
distillates (petroleum), solvent-refined heavy paraffinic	64741-88-4	TWA (Inhalable fraction)	5 mg/m <sup>3</sup>	ACGIH

**Engineering measures** : Maintain air concentrations below occupational exposure standards.

### Personal protective equipment

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

Filter type : Filter type A-P

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519  
CN



## OKS 250

Version	Revision Date:	Date of last issue: 2018-06-08	Print Date:
1.7	2018-08-14	Date of first issue: 2014-04-08	2018-08-16

- Eye/face protection : Tightly fitting safety goggles
- Hand protection  
Material : butyl-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.
- 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.
- Hygiene measures : Wash face, hands and any exposed skin thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : paste
- Colour : beige
- Odour : characteristic
- Odour Threshold : No data available
- pH : Not applicable
- Melting point/range : Not applicable
- Boiling point/boiling range : No data available
- Flash point : Not applicable
- Evaporation rate : No data available
- Flammability (solid, gas) : Combustible Solids
- Self-ignition : No data available

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519  
CN



## OKS 250

Version	Revision Date:	Date of last issue: 2018-06-08	Print Date:
1.7	2018-08-14	Date of first issue: 2014-04-08	2018-08-16

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapour pressure : < 0.001 hPa (20 °C)

Relative vapour density : No data available

Density : 1.25 g/cm<sup>3</sup> (20 °C)

Bulk density : No data available

Solubility(ies)

    Water solubility : immiscible

    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

Sublimation point : No data available

## 10. STABILITY AND REACTIVITY

Reactivity : No hazards to be specially mentioned.

Chemical stability : Stable under normal conditions.

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

Conditions to avoid : No conditions to be specially mentioned.

Incompatible materials : No materials to be especially mentioned.

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519  
CN



## OKS 250

Version	Revision Date:	Date of last issue: 2018-06-08	Print Date:
1.7	2018-08-14	Date of first issue: 2014-04-08	2018-08-16

Hazardous decomposition products : No decomposition if stored and applied as directed.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

#### Product:

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

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

Acute dermal toxicity : Acute toxicity estimate: > 5,000 mg/kg  
Method: Calculation method

Symptoms: Redness, Local irritation

#### Components:

##### **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

##### **Hydroxylapatite (Ca<sub>5</sub>(OH)(PO<sub>4</sub>)<sub>3</sub>):**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg

##### **Amines, N-tallow alkyltrimethylenedi-, oleates:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

##### **distillates (petroleum), solvent-refined heavy paraffinic:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg  
Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg  
Method: OECD Test Guideline 402



# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519  
CN



## OKS 250

Version	Revision Date:	Date of last issue: 2018-06-08	Print Date:
1.7	2018-08-14	Date of first issue: 2014-04-08	2018-08-16

### Skin corrosion/irritation

#### Product:

Remarks : Irritating to skin.

#### Components:

##### calcium dihydroxide:

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

##### Hydroxylapatite (Ca<sub>5</sub>(OH)(PO<sub>4</sub>)<sub>3</sub>):

Assessment : No skin irritation  
Result : No skin irritation

##### Amines, N-tallow alkyltrimethylenedi-, oleates:

Species : Rabbit  
Assessment : Irritating to skin.  
Result : Irritating to skin.

##### distillates (petroleum), solvent-refined heavy paraffinic:

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

### Serious eye damage/eye irritation

#### Product:

Remarks : Risk of serious damage to eyes.

#### Components:

##### calcium dihydroxide:

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

##### Hydroxylapatite (Ca<sub>5</sub>(OH)(PO<sub>4</sub>)<sub>3</sub>):

Result : No eye irritation  
Assessment : No eye irritation

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519  
CN



## OKS 250

Version	Revision Date:	Date of last issue: 2018-06-08	Print Date:
1.7	2018-08-14	Date of first issue: 2014-04-08	2018-08-16

### Amines, N-tallow alkyltrimethylenedi-, oleates:

Species : Rabbit  
Result : Irritating to eyes.  
Assessment : Irritating to eyes.  
Method : OECD Test Guideline 405

### distillates (petroleum), solvent-refined heavy paraffinic:

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

### Respiratory or skin sensitisation

#### Product:

Remarks : This information is not available.

#### Components:

##### calcium dihydroxide:

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

##### Hydroxylapatite (Ca<sub>5</sub>(OH)(PO<sub>4</sub>)<sub>3</sub>):

Assessment : Did not cause sensitisation on laboratory animals.  
Result : Did not cause sensitisation on laboratory animals.

### Amines, N-tallow alkyltrimethylenedi-, oleates:

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

### distillates (petroleum), solvent-refined heavy paraffinic:

Test Type : Buehler Test  
Species : Guinea pig  
Assessment : Does not cause skin sensitisation.  
Method : OECD Test Guideline 406  
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

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519  
CN



## OKS 250

Version	Revision Date:	Date of last issue: 2018-06-08	Print Date:
1.7	2018-08-14	Date of first issue: 2014-04-08	2018-08-16

### Components:

#### **calcium dihydroxide:**

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

Test Type: Chromosome aberration test in vitro  
Method: OECD Test Guideline 473  
Result: negative

#### **Amines, N-tallow alkyltrimethylenedi-, oleates:**

Germ cell mutagenicity - Assessment : Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

#### **distillates (petroleum), solvent-refined heavy paraffinic:**

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

Germ cell mutagenicity - Assessment : Animal testing did not show any mutagenic effects.

### **Carcinogenicity**

#### Product:

Remarks : No data available

### Components:

#### **Amines, N-tallow alkyltrimethylenedi-, oleates:**

Carcinogenicity - Assessment : No evidence of carcinogenicity in animal studies.

#### **distillates (petroleum), solvent-refined heavy paraffinic:**

Carcinogenicity - Assessment : Animal testing did not show any carcinogenic effects.

### **Reproductive toxicity**

#### Product:

Effects on fertility : Remarks: No data available

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519  
CN



## OKS 250

Version	Revision Date:	Date of last issue: 2018-06-08	Print Date:
1.7	2018-08-14	Date of first issue: 2014-04-08	2018-08-16

Effects on foetal development : Remarks: No data available

### Components:

#### **Hydroxylapatite (Ca<sub>5</sub>(OH)(PO<sub>4</sub>)<sub>3</sub>):**

Reproductive toxicity - Assessment : No toxicity to reproduction

#### **Amines, N-tallow alkyltrimethylenedi-, oleates:**

Reproductive toxicity - Assessment : No toxicity to reproduction  
No toxicity to reproduction

### **STOT - single exposure**

#### Components:

#### **calcium dihydroxide:**

Assessment : May cause respiratory irritation.

#### **Hydroxylapatite (Ca<sub>5</sub>(OH)(PO<sub>4</sub>)<sub>3</sub>):**

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

#### **Amines, N-tallow alkyltrimethylenedi-, oleates:**

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

### **STOT - repeated exposure**

#### Components:

#### **Hydroxylapatite (Ca<sub>5</sub>(OH)(PO<sub>4</sub>)<sub>3</sub>):**

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

#### **Amines, N-tallow alkyltrimethylenedi-, oleates:**

Exposure routes : Ingestion  
Assessment : May cause damage to organs through prolonged or repeated exposure.

### **Repeated dose toxicity**

#### Product:

Remarks : This information is not available.

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519  
CN



## OKS 250

Version	Revision Date:	Date of last issue: 2018-06-08	Print Date:
1.7	2018-08-14	Date of first issue: 2014-04-08	2018-08-16

### Aspiration toxicity

#### Product:

This information is not available.

#### Components:

##### **Hydroxylapatite (Ca<sub>5</sub>(OH)(PO<sub>4</sub>)<sub>3</sub>):**

No aspiration toxicity classification

##### **distillates (petroleum), solvent-refined heavy paraffinic:**

May be fatal if swallowed and enters airways.

### Further information

#### Product:

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

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Product:

Toxicity to fish : Remarks: Very toxic to aquatic organisms.

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:

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

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 50.6 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 49.1 mg/l  
Exposure time: 48 h  
Test Type: static test

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519  
CN



## OKS 250

Version	Revision Date:	Date of last issue: 2018-06-08	Print Date:
1.7	2018-08-14	Date of first issue: 2014-04-08	2018-08-16

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.

### Hydroxylapatite (Ca<sub>5</sub>(OH)(PO<sub>4</sub>)<sub>3</sub>):

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 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

Toxicity to algae : EC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

### Amines, N-tallow alkyltrimethylenedi-, oleates:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 0.1 - 1 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 0.1 - 1 mg/l  
Exposure time: 48 h

Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (green algae)): > 0.01 - 0.1 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

M-Factor (Acute aquatic toxicity) : 10

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : EC10 (Daphnia magna (Water flea)): > 0.1 - 1 mg/l  
Exposure time: 21 d  
Test Type: Reproduction Test  
Method: OECD Test Guideline 211

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519  
CN



## OKS 250

Version	Revision Date:	Date of last issue: 2018-06-08	Print Date:
1.7	2018-08-14	Date of first issue: 2014-04-08	2018-08-16

M-Factor (Chronic aquatic toxicity) : 1

### Ecotoxicology Assessment

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

### distillates (petroleum), solvent-refined heavy paraffinic:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 100 mg/l  
Exposure time: 96 h  
Test Type: static test  
Method: OECD Test Guideline 203

### Ecotoxicology Assessment

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

### 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.

#### Amines, N-tallow alkyltrimethylenedi-, oleates:

Biodegradability : Result: rapidly biodegradable

### 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).

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519  
CN



## OKS 250

Version	Revision Date:	Date of last issue: 2018-06-08	Print Date:
1.7	2018-08-14	Date of first issue: 2014-04-08	2018-08-16

### Components:

#### **Amines, N-tallow alkyltrimethylenedi-, oleates:**

Bioaccumulation : Remarks: Bioaccumulation is unlikely.

#### **distillates (petroleum), solvent-refined heavy paraffinic:**

Partition coefficient: n-octanol/water : log Pow: > 4 (20 °C)

### **Mobility in soil**

#### Product:

Mobility : Remarks: No data available

Distribution among environmental compartments : Remarks: No data available

### **Other adverse effects**

#### Product:

Additional ecological information : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### Components:

#### **Hydroxylapatite (Ca<sub>5</sub>(OH)(PO<sub>4</sub>)<sub>3</sub>):**

Results of PBT and vPvB assessment : Non-classified PBT substance Non-classified vPvB substance

#### **Amines, N-tallow alkyltrimethylenedi-, oleates:**

Results of PBT and vPvB assessment : Non-classified PBT substance Non-classified vPvB substance

## 13. DISPOSAL CONSIDERATIONS

### **Disposal methods**

Waste from residues : 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.



# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519  
CN



## OKS 250

Version	Revision Date:	Date of last issue: 2018-06-08	Print Date:
1.7	2018-08-14	Date of first issue: 2014-04-08	2018-08-16

## 14. TRANSPORT INFORMATION

### International Regulations

#### IATA-DGR

UN/ID No. : UN 3077  
Proper shipping name : Environmentally hazardous substance, solid, n.o.s.  
(fatty amine derivative)  
Class : 9  
Packing group : III  
Labels : Miscellaneous  
Packing instruction (cargo : 956  
aircraft)  
Packing instruction (passen- : 956  
ger aircraft)

#### IMDG-Code

UN number : UN 3077  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,  
N.O.S.  
(fatty amine derivative)  
Class : 9  
Packing group : III  
Labels : 9  
EmS Code : F-A, S-F  
Marine pollutant : yes

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

### National Regulations

#### Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

## 15. REGULATORY INFORMATION

### National regulatory information

#### Law on the Prevention and Control of Occupational Diseases

#### Regulations on Safety Management of Hazardous Chemicals

Catalogue of Hazardous Chemicals : Not applicable

Identification of Major Hazard Installations for Danger- : Not applicable

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519  
CN



## OKS 250

Version	Revision Date:	Date of last issue: 2018-06-08	Print Date:
1.7	2018-08-14	Date of first issue: 2014-04-08	2018-08-16

ous Chemicals (GB 18218)

Hazardous Chemicals for Priority Management under SAWS : Not applicable

### Regulations on Labour Protection in Workplaces where Toxic Substances are Used

Catalogue of Highly Toxic Chemicals : Not applicable

### Regulation of Environmental Management on the First Import of Chemicals and the Import and Export of Toxic Chemicals

China Severely Restricted Toxic Chemicals for Import and Export : Not applicable

## 16. OTHER INFORMATION

Date format : yyyy/mm/dd

### Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)  
GBZ 2.1-2007 : Occupational exposure limits for hazardous agents in the workplace - Chemical hazardous agents.

ACGIH / TWA : 8-hour, time-weighted average  
GBZ 2.1-2007 / PC-TWA : Permissible concentration - time weighted average

AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; CPR - Controlled Products Regulations; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); 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; ERG - Emergency Response Guide; 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; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level;

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519  
CN



## OKS 250

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NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; 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; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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