

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 265

| | | | |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 12.07.2023 | Print Date: |
| 4.1 | 11.06.2024 | Date of first issue: 30.03.2013 | 11.06.2024 |

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

1.1 Product identifier

Product name : OKS 265

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

Use of the Substance/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
82216 Maisach-Gernlinden
Deutschland
Tel.: +49 8142 3051 500
Fax: +49 8142 3051 599
info@oks-germany.com

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

1.4 Emergency telephone number

Emergency telephone number : +49 8142 3051 517 (24/7 service)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

| | |
|--|--|
| Skin irritation, Category 2 | H315: Causes skin irritation. |
| Serious eye damage, Category 1 | H318: Causes serious eye damage. |
| Long-term (chronic) aquatic hazard, Category 2 | H411: Toxic to aquatic life with long lasting effects. |

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 265

| | | | |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 12.07.2023 | Print Date: |
| 4.1 | 11.06.2024 | Date of first issue: 30.03.2013 | 11.06.2024 |

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

| | | | |
|--------------------------|---|--|--|
| Hazard pictograms | : | | |
| Signal word | : | Danger | |
| Hazard statements | : | H315 H318 H411 | Causes skin irritation. Causes serious eye damage. Toxic to aquatic life with long lasting effects. |
| Precautionary statements | : | Prevention: P264 P273 P280 | Wash skin thoroughly after handling. Avoid release to the environment. Wear protective gloves/ eye protection/ face protection. |
| | | Response: P305 + P351 + P338 + P310 P332 + P313 P391 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor. If skin irritation occurs: Get medical advice/ attention. Collect spillage. |

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

Additional Labelling

EUH208 Contains Benzenesulfonic acid, mono-C15-36-branched alkyl derivs., calcium salts. May produce an allergic reaction.

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.

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 265

Version
4.1

Revision Date:
11.06.2024

Date of last issue: 12.07.2023
Date of first issue: 30.03.2013

Print Date:
11.06.2024

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : lithium soap
solid lubricant
Synthetic hydrocarbon oil

Components

| Chemical name | CAS-No. EC-No. Index-No. Registration number | Classification | specific concentration limit M-Factor Notes Acute toxicity estimate | Concentration (% w/w) |
|---|---|---|---|--------------------------|
| calcium dihydroxide | 1305-62-0 215-137-3 | Skin Irrit.2; H315 Eye Dam.1; H318 STOT SE3; H335 | | >= 10 - < 20 |
| dizinc pyrophosphate | 7446-26-6 231-203-4 | Aquatic Acute1; H400 Aquatic Chronic1; H410 | M-Factor: 1/1 | >= 2.5 - < 10 |
| zinc oxide | 1314-13-2 215-222-5 030-013-00-7 | Aquatic Acute1; H400 Aquatic Chronic1; H410 | M-Factor: 1/1 | >= 0.25 - < 1 |
| Benzenesulfonic acid, mono-C15-36- branched alkyl derivs., calcium salts | 90194-49-3 290-660-8 | Skin Sens.1B; H317 | | >= 0.1 - < 1 |

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

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758 - GB



OKS 265

| | | | |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 12.07.2023 | Print Date: |
| 4.1 | 11.06.2024 | Date of first issue: 30.03.2013 | 11.06.2024 |

- 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.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : Skin contact may provoke the following symptoms:
Erythema
- Risks : Causes skin irritation.
May cause an allergic skin reaction.

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

- Hazardous combustion products : Carbon oxides
Sulphur oxides
Oxides of phosphorus

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758 - GB



OKS 265

| | | | |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 12.07.2023 | Print Date: |
| 4.1 | 11.06.2024 | Date of first issue: 30.03.2013 | 11.06.2024 |

Halogenated compounds
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. Exposure to decomposition products may be a hazard to health.

Further information : Standard procedure for chemical fires. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Evacuate personnel to safe areas.
Ensure adequate ventilation.
Do not breathe vapours, aerosols.
Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions

Environmental precautions : Do not allow contact with soil, surface or ground water.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Pick up and transfer to properly labelled containers.

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.

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 265

| | | | |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 12.07.2023 | Print Date: |
| 4.1 | 11.06.2024 | Date of first issue: 30.03.2013 | 11.06.2024 |

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) : Specific instructions for handling, not required.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

| Components | CAS-No. | Value type (Form of exposure) | Control parameters | Basis |
|---------------------|---------------------------------|-------------------------------|---------------------|--------------------------|
| calcium dihydroxide | 1305-62-0 | TWA | 5 mg/m ³ | GB EH40 (2020-01-01) |
| | | TWA (Respirable fraction) | 1 mg/m ³ | GB EH40 (2020-01-01) |
| | | STEL (Respirable fraction) | 4 mg/m ³ | GB EH40 (2020-01-01) |
| | | TWA (Respirable fraction) | 1 mg/m ³ | 2017/164/EU (2017-02-01) |
| | Further information: Indicative | | | |
| | | STEL (Respirable fraction) | 4 mg/m ³ | 2017/164/EU (2017-02-01) |
| | Further information: Indicative | | | |

Derived No Effect Level (DNEL):

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

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 265

Version 4.1 Revision Date: 11.06.2024 Date of last issue: 12.07.2023
Date of first issue: 30.03.2013

Print Date:
11.06.2024

| | | | | |
|---|---------|--------------|----------------------------|------------------------|
| dizinc pyrophosphate | Workers | Skin contact | Long-term systemic effects | 192 mg/kg |
| | Workers | Inhalation | Long-term systemic effects | 13.5 mg/m ³ |
| thiodiethylene bis[3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate] | Workers | Inhalation | Long-term systemic effects | 3 mg/m ³ |
| | Workers | Inhalation | Acute systemic effects | 3 mg/m ³ |
| | Workers | Skin contact | Long-term systemic effects | 13.8 mg/kg |

Predicted No Effect Concentration (PNEC):

| 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 |
| dizinc pyrophosphate | Fresh water | 0.233 µg/l |
| | Marine water | 0.0233 µg/l |
| | Sewage treatment plant | 0.052 mg/l |
| | Fresh water sediment | 25.6 mg/kg |
| | Marine sediment | 2.56 mg/kg |
| | Soil | 5.13 mg/kg |
| thiodiethylene bis[3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate] | Sewage treatment plant | 1 mg/l |
| zinc oxide | Fresh water | 0.0179 mg/l |
| | Marine water | 0.009 mg/l |
| | Sewage treatment plant | 0.1245 mg/l |
| | Fresh water sediment | 182.8 mg/kg |
| | Marine sediment | 201.9 mg/kg |
| | Soil | 103.4 mg/kg |

8.2 Exposure controls

Engineering measures

none

Personal protective equipment

Eye/face protection : Tightly fitting safety goggles

Hand protection

Material : Nitrile rubber
Break through time : > 10 min
Protective index : Class 1

Remarks : Wear protective gloves. The break through time depends

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 265

| | | | |
|----------------|------------------------------|---|---------------------------|
| Version 4.1 | Revision Date: 11.06.2024 | Date of last issue: 12.07.2023 Date of first issue: 30.03.2013 | Print Date: 11.06.2024 |
|----------------|------------------------------|---|---------------------------|

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

- Skin and body protection : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.
- 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.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance : paste
- Colour : white
- Odour : odourless
- Odour Threshold : No data available
- pH : Not applicable
substance/mixture is non-soluble (in water)
- 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
- Upper explosion limit / Upper flammability limit : No data available
- Lower explosion limit / Lower : No data available

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758 - GB



OKS 265

| | | | |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 12.07.2023 | Print Date: |
| 4.1 | 11.06.2024 | Date of first issue: 30.03.2013 | 11.06.2024 |

flammability limit

Vapour pressure : < 0.001 hPa (20 °C)

Relative vapour density : No data available

Relative density : 0.95 (20 °C)
Reference substance: Water
The value is calculated

Density : 0.95 g/cm³
(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

Particle size : Not applicable

Particle Size Distribution : Not applicable

Self-ignition : No data available

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 265

| | | | |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 12.07.2023 | Print Date: |
| 4.1 | 11.06.2024 | Date of first issue: 30.03.2013 | 11.06.2024 |

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.

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

Hazardous decomposition products : >280 °C danger of forming toxic fluorine-containing pyrolysis products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product:

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

Acute dermal toxicity : Symptoms: Redness, Local irritation

Components:

calcium dihydroxide:

Acute oral toxicity : LD50 (Rat, female): > 2,000 mg/kg
Method: OECD Test Guideline 425
GLP: yes
Assessment: The substance or mixture has no acute oral toxicity

Acute inhalation toxicity : LC50 (Rat, male and female): > 6.04 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: OECD Test Guideline 436

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758 - GB



OKS 265

| | | | |
|----------------|------------------------------|---|---------------------------|
| Version 4.1 | Revision Date: 11.06.2024 | Date of last issue: 12.07.2023 Date of first issue: 30.03.2013 | Print Date: 11.06.2024 |
|----------------|------------------------------|---|---------------------------|

GLP: yes

Acute dermal toxicity : LD50 (Rabbit, male and female): > 2,500 mg/kg
Method: OECD Test Guideline 402
Assessment: The substance or mixture has no acute dermal toxicity

dizinc pyrophosphate:

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg
Method: OECD Test Guideline 423
GLP: yes
Assessment: The substance or mixture has no acute oral toxicity

Acute inhalation toxicity : LC50 (Rat): > 4.73 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: OECD Test Guideline 436
GLP: yes
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 (Guinea pig): > 2,000 mg/kg
Method: OECD Test Guideline 402
GLP: yes
Assessment: The substance or mixture has no acute dermal toxicity

zinc oxide:

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

Acute inhalation toxicity : LC50 (Rat): > 5.7 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: OECD Test Guideline 403
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg
Method: OECD Test Guideline 402
GLP: yes
Assessment: The substance or mixture has no acute dermal toxicity

Skin corrosion/irritation

Product:

Remarks : Irritating to skin.

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758 - GB



OKS 265

Version
4.1

Revision Date:
11.06.2024

Date of last issue: 12.07.2023
Date of first issue: 30.03.2013

Print Date:
11.06.2024

Components:

calcium dihydroxide:

Species : human skin
Assessment : Irritating to skin.
Method : OECD Test Guideline 431
Result : Irritating to skin.
GLP : yes

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

dizinc pyrophosphate:

Species : human skin
Assessment : No skin irritation
Method : OECD Test Guideline 439
Result : No skin irritation
GLP : yes

zinc oxide:

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
Assessment : Risk of serious damage to eyes.
Method : OECD Test Guideline 405
Result : Risk of serious damage to eyes.
GLP : yes

dizinc pyrophosphate:

Species : Bovine cornea
Assessment : No eye irritation
Method : OECD Test Guideline 437

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758 - GB



OKS 265

| | | | |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 12.07.2023 | Print Date: |
| 4.1 | 11.06.2024 | Date of first issue: 30.03.2013 | 11.06.2024 |

Result : No eye irritation
GLP : yes

zinc oxide:

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:

calcium dihydroxide:

Test Type : Local lymph node assay (LLNA)
Species : Mouse
Assessment : Does not cause skin sensitisation.
Method : OECD Test Guideline 429
Result : Does not cause skin sensitisation.
GLP : yes

dizinc pyrophosphate:

Test Type : Local lymph node assay (LLNA)
Species : Mouse
Assessment : Did not cause sensitisation on laboratory animals.
Method : OECD Test Guideline 429
Result : Did not cause sensitisation on laboratory animals.
GLP : yes

zinc oxide:

Test Type : Maximisation Test
Species : Guinea pig
Assessment : Does not cause skin sensitisation.
Method : OECD Test Guideline 406
Result : Does not cause skin sensitisation.
GLP : yes

Benzenesulfonic acid, mono-C15-36-branched alkyl derivs., calcium salts:

Assessment : The product is a skin sensitiser, sub-category 1B.
Result : The product is a skin sensitiser, sub-category 1B.

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758 - GB



OKS 265

| | | | |
|----------------|------------------------------|---|---------------------------|
| Version 4.1 | Revision Date: 11.06.2024 | Date of last issue: 12.07.2023 Date of first issue: 30.03.2013 | Print Date: 11.06.2024 |
|----------------|------------------------------|---|---------------------------|

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
GLP: yes

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

Test Type: In vitro mammalian cell gene mutation test
Method: OECD Test Guideline 476
Result: negative
GLP: yes

zinc oxide:

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

Carcinogenicity

Product:

Remarks : No data available

Components:

calcium dihydroxide:

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

zinc oxide:

Carcinogenicity -
Assessment : Not classifiable as a human carcinogen.

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 265

Version
4.1

Revision Date:
11.06.2024

Date of last issue: 12.07.2023
Date of first issue: 30.03.2013

Print Date:
11.06.2024

Reproductive toxicity

Product:

Effects on fertility : Remarks: No data available

Effects on foetal development : Remarks: No data available

Components:

calcium dihydroxide:

Reproductive toxicity - Assessment : - Fertility -
No toxicity to reproduction
- Teratogenicity -
No effects on or via lactation

zinc oxide:

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

STOT - single exposure

Product:

Remarks : No data available

Components:

calcium dihydroxide:

Assessment : May cause respiratory irritation.

zinc oxide:

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

STOT - repeated exposure

Product:

Remarks : No data available

Components:

zinc oxide:

Assessment : The substance or mixture is not classified as specific target

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 265

| | | | |
|----------------|------------------------------|---|---------------------------|
| Version 4.1 | Revision Date: 11.06.2024 | Date of last issue: 12.07.2023 Date of first issue: 30.03.2013 | Print Date: 11.06.2024 |
|----------------|------------------------------|---|---------------------------|

organ toxicant, repeated exposure.

Repeated dose toxicity

Product:

Remarks : This information is not available.

Aspiration toxicity

Product:

This information is not available.

Components:

dizinc pyrophosphate:

No aspiration toxicity classification

zinc oxide:

No aspiration toxicity classification

Further information

Product:

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

SECTION 12: Ecological information

12.1 Toxicity

Product:

Toxicity to fish : Remarks: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

Toxicity to algae/aquatic plants : Remarks: No data available

Toxicity to microorganisms : Remarks: No data available

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 265

| | | | |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 12.07.2023 | Print Date: |
| 4.1 | 11.06.2024 | Date of first issue: 30.03.2013 | 11.06.2024 |

12.2 Persistence and degradability

Product:

Biodegradability : Remarks: No data available

Physico-chemical
removability : Remarks: No data available

12.3 Bioaccumulative potential

Product:

Bioaccumulation : Remarks: No data available

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.

12.6 Other adverse effects

Product:

Endocrine disrupting
potential : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Additional ecological
information : Toxic to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

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

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 265

| | | | |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 12.07.2023 | Print Date: |
| 4.1 | 11.06.2024 | Date of first issue: 30.03.2013 | 11.06.2024 |

Do not dispose of with domestic refuse.
Dispose of as hazardous waste in compliance with local and national regulations.

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

Contaminated packaging : Packaging that is not properly emptied must be disposed of as the unused product.
Dispose of waste product or used containers according to local regulations.

The following Waste Codes are only suggestions:

Waste Code : used product, unused product
12 01 12**, spent waxes and fats

uncleaned packagings
15 01 10*, packaging containing residues of or contaminated by hazardous substances

SECTION 14: Transport information

14.1 UN number or ID number

ADR : UN 3077
RID : UN 3077
IMDG : UN 3077
IATA : UN 3077

14.2 UN proper shipping name

ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(dizinc pyrophosphate)
RID : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(dizinc pyrophosphate)
IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(dizinc pyrophosphate)
IATA : Environmentally hazardous substance, solid, n.o.s.
(dizinc pyrophosphate)

14.3 Transport hazard class(es)

ADR : 9

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758 - GB



OKS 265

| | | | |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 12.07.2023 | Print Date: |
| 4.1 | 11.06.2024 | Date of first issue: 30.03.2013 | 11.06.2024 |

RID : 9
IMDG : 9
IATA : 9

14.4 Packing group

ADR
Packing group : III
Classification Code : M7
Hazard Identification Number : 90
Labels : 9
Tunnel restriction code : (-)

RID
Packing group : III
Classification Code : M7
Hazard Identification Number : 90
Labels : 9

IMDG
Packing group : III
Labels : 9
EmS Code : F-A, S-F

IATA (Cargo)
Packing instruction (cargo aircraft) : 956
Packing instruction (LQ) : Y956
Packing group : III
Labels : Miscellaneous Dangerous Goods

IATA (Passenger)
Packing instruction (passenger aircraft) : 956
Packing instruction (LQ) : Y956
Packing group : III
Labels : Miscellaneous Dangerous Goods

14.5 Environmental hazards

ADR
Environmentally hazardous : yes

RID
Environmentally hazardous : yes

IMDG
Marine pollutant : yes

IATA (Passenger)
Environmentally hazardous : yes

IATA (Cargo)
Environmentally hazardous : yes

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 265

| | | | |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 12.07.2023 | Print Date: |
| 4.1 | 11.06.2024 | Date of first issue: 30.03.2013 | 11.06.2024 |

14.6 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.

14.7 Maritime transport in bulk according to IMO instruments

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

Relevant EU provisions transposed through retained EU law

- | | | |
|---|---|---|
| UK REACH List of restrictions (Annex 17) | : | Not applicable |
| UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation (UK SVHC) | : | This product does not contain substances of very high concern (UK: The REACH etc. (Amendment) Regulations, Article 57). |
| The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain) (GB POPs) | : | Not applicable |
| Regulation (EC) No 1005/2009 on substances that deplete the ozone layer (EC 1005/2009) | : | Not applicable |
| Regulation (EU) 2019/1148 on the marketing and use of explosives precursors | : | Not applicable |
| UK REACH List of substances subject to authorisation (Annex XIV) (UK. REACH Annex XIV) | : | Not applicable |
| GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation (GB PIC) | : | Not applicable |

Control of Major Accident Hazards Regulations E2 ENVIRONMENTAL HAZARDS

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 265

| | | | |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 12.07.2023 | Print Date: |
| 4.1 | 11.06.2024 | Date of first issue: 30.03.2013 | 11.06.2024 |

2015 (COMAH)

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

Other regulations:

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

15.2 Chemical safety assessment

This information is not available.

SECTION 16: Other information

Full text of H-Statements

H315 : Causes skin irritation.
H317 : May cause an allergic skin reaction.
H318 : Causes serious eye damage.
H335 : May cause respiratory irritation.
H400 : Very toxic to aquatic life.
H410 : Very toxic to aquatic life with long lasting effects.

Full text of other abbreviations

2017/164/EU : Europe. Commission Directive 2017/164/EU establishing a fourth list of indicative occupational exposure limit values
GB EH40 : UK. EH40 WEL - Workplace Exposure Limits
2017/164/EU / STEL : Short term exposure limit
2017/164/EU / TWA : Limit Value - eight hours
GB EH40 / TWA : Long-term exposure limit (8-hour TWA reference period)
GB EH40 / STEL : Short-term exposure limit (15-minute reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AICC - Australian Inventory of Industrial Chemicals; 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 -

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 265

| | | | |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 12.07.2023 | Print Date: |
| 4.1 | 11.06.2024 | Date of first issue: 30.03.2013 | 11.06.2024 |

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; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; 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

Classification of the mixture:

| | |
|-------------------|------|
| Skin Irrit. 2 | H315 |
| Eye Dam. 1 | H318 |
| Aquatic Chronic 2 | H411 |

Classification procedure:

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

This safety data sheet applies only to products as originally packed and labelled. The information contained therein may not be reproduced or modified without our express written permission. Any forwarding of this document is only permitted to the extent required by law. Any further, in particular public, dissemination of the safety data sheet (e.g. as a document for download from the Internet) is not permitted without our express written consent. We provide our customers with amended safety data sheets as prescribed by law. The customer is responsible for passing on safety data sheets and any amendments contained therein to its own customers, employees and other users of the product. We provide no guarantee that safety data sheets received by users from third parties are up-to-date. All information and instructions in this safety data sheet have been compiled to the best of our knowledge and are based on the information available to us on the day of publication. The information provided is intended to describe the product in relation to the required safety measures; it is neither an assurance of characteristics nor a guarantee of the product's suitability for particular applications and does not justify any contractual legal relationship. The existence of a safety data sheet for a particular jurisdiction does not necessarily mean that import or use within that jurisdiction is legally permitted. If you have any questions, please contact your responsible sales contact or authorized trading partner.

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758 - GB



OKS 265

| | | | |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 12.07.2023 | Print Date: |
| 4.1 | 11.06.2024 | Date of first issue: 30.03.2013 | 11.06.2024 |
