

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878 - DE



## OKS 255

|         |                |                                 |             |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 01.03.2023  | Print Date: |
| 2.2     | 02.09.2025     | Date of first issue: 30.05.2016 | 02.09.2025  |

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

### 1.1 Product identifier

Product name : OKS 255

### 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

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

Not a hazardous substance or mixture.

### 2.2 Label elements

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

Not a hazardous substance or mixture.

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### Additional Labelling

EUH210 Safety data sheet available on request.

EUH212 Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

### 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.

Ecological information: 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.

Toxicological information: 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.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : Mineral oil.  
Thickening agent

#### Components

| Chemical name   | CAS-No.<br>EC-No.<br><br>Index-No.<br>Registration number            | Classification            | specific<br>concentration<br>limit<br>M-Factor<br>Notes<br>Acute toxicity<br>estimate | Concentration<br>(% w/w) |
|---|--|---------------------------|---|--------------------------|
| 2,5-bis(tert-nonyldithio)-1,3,4-thiadiazole                                   | 89347-09-1<br>289-493-3  | Aquatic Chronic3;<br>H412 |   | >= 1 - < 2,5             |
| Substances with a workplace exposure limit :                                  |  |                           |   |                          |
| Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified | 64742-54-7<br>265-157-1<br><br>649-467-00-8<br>01-2119484627-25-XXXX | Not classified            | Note L  | >= 30 - < 50             |

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|   |  |                |        |                  |
|---|--|----------------|--------|------------------|
| Distillates (petroleum),<br>solvent-dewaxed<br>heavy paraffinic;<br>Baseoil — unspecified                                       | 64742-65-0<br>265-169-7<br><br>649-474-00-6<br>01-2119471299-27-<br>XXXX | Not classified | Note L | $\geq 30 - < 50$ |
| titanium dioxide; [in<br>powder form<br>containing <1 % of<br>particles with<br>aerodynamic diameter<br>$\leq 10 \mu\text{m}$ ] | 13463-67-7<br>236-675-5<br><br>01-2119489379-17-<br>XXXX                 | Not classified |        | $\geq 1 - < 10$  |

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.<br>Keep patient warm and at rest.<br>If breathing is irregular or stopped, administer artificial respiration. |
| In case of skin contact | : Remove contaminated clothing. If irritation develops, get medical attention.<br>Wash off with soap and water.  |
| In case of eye contact  | : Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes.<br>If eye irritation persists, consult a specialist.  |
| If swallowed            | : Move the victim to fresh air.<br>Do not induce vomiting without medical advice.<br>Rinse mouth with water.   |

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

- |          |                                  |
|----------|----------------------------------|
| Symptoms | : No symptoms known or expected. |
|----------|----------------------------------|

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

- |           |                          |
|-----------|--------------------------|
| Treatment | : Treat symptomatically. |
|-----------|--------------------------|

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### 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  
Nitrogen oxides (NO<sub>x</sub>)  
Sulphur 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. 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.  
Do not breathe vapours, aerosols.  
Refer to protective measures listed in sections 7 and 8.

#### 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 : Pick up and transfer to properly labelled containers.

#### 6.4 Reference to other sections

For personal protection see section 8.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- Advice on safe handling : For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Wash hands and face before breaks and immediately after handling the product.
- 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.
- Storage class (TRGS 510) : 11, Combustible Solids

### 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                    |
|--|------------|-------------------------------|---------------------|--------------------------|
| Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified  | 64742-54-7 | AGW (Vapour and aerosols)     | 5 mg/m <sup>3</sup> | DE TRGS 900 (2018-06-07) |
| Peak-limit: excursion factor (category): 4;(II)  |            |                               |                     |                          |
| Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child |            |                               |                     |                          |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil — unspecified   | 64742-65-0 | AGW (Vapour and aerosols)     | 5 mg/m <sup>3</sup> | DE TRGS 900 (2018-06-07) |

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|  |   |  |   |                          |
|--|---|--|---|--------------------------|
|  | Peak-limit: excursion factor (category): 4;(II)   |  |   |                          |
|  | Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child  |  |   |                          |
| titanium dioxide; [in powder form containing <1 % of particles with aerodynamic diameter $\leq 10 \mu\text{m}$ ] | 13463-67-7  | MAK (measured as the alveolate fraction) | 0,3 mg/m <sup>3</sup>                     | DE DFG MAK (2023-07-01)  |
|  | Peak-limit: excursion factor (category): 8; II  |  |   |                          |
|  | Further information: Substances that cause cancer in humans or animals or that are considered to be carcinogenic for humans and for which a MAK value can be derived., Damage to the embryo or foetus is unlikely when the MAK value or the BAT value is observed |  |   |                          |
|  |   | AGW (Inhalable fraction)                 | 10 mg/m <sup>3</sup> (Titanium dioxide)   | DE TRGS 900 (2014-04-02) |
|  | Peak-limit: excursion factor (category): 2;(II)   |  |   |                          |
|  | Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child  |  |   |                          |
|  |   | AGW (Alveolate fraction)                 | 1,25 mg/m <sup>3</sup> (Titanium dioxide) | DE TRGS 900 (2014-04-02) |
|  | Peak-limit: excursion factor (category): 2;(II)   |  |   |                          |
|  | Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child  |  |   |                          |
|  |   | BM (Alveolar dust fraction)              | 0,5 mg/m <sup>3</sup>                     | DE TRGS 527 (2020-02-19) |

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

| Substance name   | End Use | Exposure routes | Potential health effects   | Value                  |
|--|---------|-----------------|----------------------------|------------------------|
| Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified    | Workers | Inhalation      | Long-term local effects    | 5,58 mg/m <sup>3</sup> |
|  | Workers | Inhalation      | Long-term systemic effects | 2,73 mg/m <sup>3</sup> |
|  | Workers | Skin contact    | Long-term systemic effects | 0,97 mg/kg             |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil — unspecified | Workers | Inhalation      | Long-term systemic effects | 2,73 mg/m <sup>3</sup> |
|  | Workers | Skin contact    | Long-term systemic effects | 0,97 mg/kg             |

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

| Substance name  | Environmental Compartment | Value      |
|---|---------------------------|------------|
| Distillates (petroleum),<br>hydrotreated heavy paraffinic;<br>Baseoil — unspecified     | Oral                      | 9,33 mg/kg |
| Distillates (petroleum), solvent-<br>dewaxed heavy paraffinic;<br>Baseoil — unspecified | Oral                      | 9,33 mg/kg |

## 8.2 Exposure controls

### Engineering measures

none

### Personal protective equipment

Eye/face protection : Safety glasses

Hand protection

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

Remarks : For prolonged or repeated contact use protective gloves. 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.  
The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

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 : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

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.

### Environmental exposure controls

Air : No special environmental precautions required.

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Soil :

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

Water :

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

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|  |   |   |
|--|---|---|
| Physical state                                   | : | paste   |
| Colour   | : | white   |
| Odour  | : | characteristic  |
| Odour Threshold                                  | : | No data available   |
| Melting point/ range                             | : | No data available   |
| Boiling point/boiling range                      | : | Not applicable  |
| Flammability (solid, gas)                        | : | Combustible Solids  |
| Upper explosion limit / Upper flammability limit | : | No data available   |
| Lower explosion limit / Lower flammability limit | : | No data available   |
| Flash point                                      | : | Not applicable  |
| Auto-ignition temperature                        | : | No data available   |
| Decomposition temperature                        | : | No data available   |
| pH   | : | Not applicable<br>substance/mixture is non-soluble (in water) |
| Viscosity  |   |   |
| Viscosity, dynamic                               | : | No data available   |



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|  |   |   |
|--|---|---|
| Viscosity, kinematic                   | : | Not applicable  |
| Solubility(ies)                        |   |   |
| Water solubility                       | : | insoluble   |
| Solubility in other solvents           | : | No data available   |
| Partition coefficient: n-octanol/water | : | No data available   |
| Vapour pressure                        | : | < 0,001 hPa (20 °C)   |
| Relative density                       | : | 0,93 (20 °C)<br>Reference substance: Water<br>The value is calculated |
| Density                                | : | 0,93 g/cm <sup>3</sup><br>(20 °C)                                     |
| Bulk density                           | : | No data available   |
| Relative vapour density                | : | No data available   |
| Particle characteristics               |   |   |
| Particle size                          | : | Not applicable  |
| Particle Size Distribution             | : | Not applicable  |

### 9.2 Other information

|                      |   |                         |
|----------------------|---|-------------------------|
| Explosives           | : | Not explosive           |
| Oxidizing properties | : | No data available       |
| Self-ignition        | : | No data available       |
| Metal corrosion rate | : | Not corrosive to metals |
| Evaporation rate     | : | No data available       |
| Sublimation point    | : | No data available       |

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No hazards to be specially mentioned.

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### 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

No decomposition if stored and applied as directed.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Based on available data, the classification criteria are not met.

#### Product:

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

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

#### Components:

##### 2,5-bis(tert-nonyldithio)-1,3,4-thiadiazole:

Acute oral toxicity : LD50 (Rat): > 10.000 mg/kg

Acute dermal toxicity : LD50 (Rabbit): > 2.000 mg/kg

##### Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified:

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

Acute inhalation toxicity : LC50 (Rat): > 5,53 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

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Acute dermal toxicity : LD50 (Rabbit): > 5.000 mg/kg  
Method: OECD Test Guideline 402

### **Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil — unspecified:**

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

### **titanium dioxide; [in powder form containing <1 % of particles with aerodynamic diameter ≤ 10 µm]:**

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

Acute inhalation toxicity : (Rat): > 5,09 mg/l  
Method: OECD Test Guideline 403  
GLP: no

### **Skin corrosion/irritation**

Based on available data, the classification criteria are not met.

### **Product:**

Remarks : This information is not available.

### **Components:**

#### **Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified:**

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

#### **Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil — unspecified:**

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

### **titanium dioxide; [in powder form containing <1 % of particles with aerodynamic diameter ≤ 10 µm]:**

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

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Result : No skin irritation  
GLP : no

### Serious eye damage/eye irritation

Based on available data, the classification criteria are not met.

### Product:

Remarks : This information is not available.

### Components:

#### Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified:

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

#### Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil — unspecified:

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

#### titanium dioxide; [in powder form containing <1 % of particles with aerodynamic diameter $\leq 10 \mu\text{m}$ ]:

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

### Respiratory or skin sensitisation

#### Skin sensitisation

Based on available data, the classification criteria are not met.

#### Respiratory sensitisation

Based on available data, the classification criteria are not met.

### Product:

Remarks : This information is not available.

### Components:

#### Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified:

Species : Guinea pig  
Assessment : Does not cause skin sensitisation.

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|        |                                      |
|--------|--------------------------------------|
| Method | : OECD Test Guideline 406            |
| Result | : Does not cause skin sensitisation. |
| GLP    | : yes                                |

### Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil — unspecified:

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

### titanium dioxide; [in powder form containing <1 % of particles with aerodynamic diameter $\leq 10 \mu\text{m}$ ]:

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

### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

#### Product:

|                       |                              |
|-----------------------|------------------------------|
| Genotoxicity in vitro | : Remarks: No data available |
| Genotoxicity in vivo  | : Remarks: No data available |

#### Components:

### Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil — unspecified:

|                       |   |
|-----------------------|---|
| Genotoxicity in vitro | : Test system: Salmonella typhimurium<br>Metabolic activation: with and without metabolic activation<br>Method: OECD Test Guideline 471<br>Result: negative |
| Genotoxicity in vivo  | : Species: Mouse<br>Application Route: Oral<br>Method: OECD Test Guideline 474<br>Result: negative  |

### titanium dioxide; [in powder form containing <1 % of particles with aerodynamic diameter $\leq 10 \mu\text{m}$ ]:

|                                       |  |
|---------------------------------------|--|
| Germ cell mutagenicity-<br>Assessment | : Tests on bacterial or mammalian cell cultures did not show<br>mutagenic effects. |
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### Carcinogenicity

Based on available data, the classification criteria are not met.

#### Product:

Remarks : No data available

### Components:

#### **Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified:**

Carcinogenicity - : Not classifiable as a human carcinogen.  
Assessment

#### **Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil — unspecified:**

Species : Mouse  
Application Route : Dermal  
Method : OECD Test Guideline 451  
Result : negative

#### **titanium dioxide; [in powder form containing <1 % of particles with aerodynamic diameter ≤ 10 µm]:**

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

### Reproductive toxicity

Based on available data, the classification criteria are not met.

#### Product:

Effects on fertility : Remarks: No data available

Effects on foetal : Remarks: No data available  
development

### Components:

#### **Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified:**

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

#### **Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil — unspecified:**

Effects on foetal : Species: Rat  
development Application Route: Dermal  
General Toxicity Maternal: NOAEL: 30 mg/kg body weight  
Developmental Toxicity: NOAEL: 30 mg/kg body weight  
Method: OECD Test Guideline 414

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### **titanium dioxide; [in powder form containing <1 % of particles with aerodynamic diameter $\leq 10 \mu\text{m}$ ]:**

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

### **STOT - single exposure**

Based on available data, the classification criteria are not met.

#### **Product:**

Remarks : No data available

#### **Components:**

### **titanium dioxide; [in powder form containing <1 % of particles with aerodynamic diameter $\leq 10 \mu\text{m}$ ]:**

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

### **STOT - repeated exposure**

Based on available data, the classification criteria are not met.

#### **Product:**

Remarks : No data available

#### **Components:**

### **titanium dioxide; [in powder form containing <1 % of particles with aerodynamic diameter $\leq 10 \mu\text{m}$ ]:**

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**

Based on available data, the classification criteria are not met.

#### **Product:**

This information is not available.

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### Components:

#### **Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified:**

No aspiration toxicity classification

#### **Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil — unspecified:**

No aspiration toxicity classification

#### **titanium dioxide; [in powder form containing <1 % of particles with aerodynamic diameter ≤ 10 µm]:**

No aspiration toxicity classification

## 11.2 Information on other hazards

### **Endocrine disrupting properties**

#### Product:

Assessment : 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.

### **Further information**

#### Product:

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/aquatic plants : Remarks: No data available

Toxicity to microorganisms : Remarks: No data available



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### Components:

#### **2,5-bis(tert-nonyldithio)-1,3,4-thiadiazole:**

|   |  |
|---|--|
| Toxicity to fish                                    | : LC50 (Fish): > 10 - 100 mg/l<br>Exposure time: 96 h                  |
| Toxicity to daphnia and other aquatic invertebrates | : (Daphnia magna (Water flea)): > 10 - 100 mg/l<br>Exposure time: 48 h |
| Toxicity to algae/aquatic plants                    | : EC50 : > 10 - 100 mg/l<br>Exposure time: 72 h                        |

#### **Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified:**

|  |   |
|--|---|
| Toxicity to fish   | : LC50 (Pimephales promelas (fathead minnow)): > 100 mg/l<br>Exposure time: 96 h<br>Test Type: static test<br>Method: OECD Test Guideline 203<br>GLP: yes   |
| Toxicity to daphnia and other aquatic invertebrates                    | : EC50 (Daphnia magna (Water flea)): > 10.000 mg/l<br>Exposure time: 48 h<br>Test Type: Immobilization<br>Method: OECD Test Guideline 202<br>GLP: yes       |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : NOEC: 10 mg/l<br>Exposure time: 21 d<br>Species: Daphnia magna (Water flea)<br>Test Type: semi-static test<br>Method: OECD Test Guideline 211<br>GLP: yes |

#### **Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil — unspecified:**

|   |   |
|---|---|
| Toxicity to fish                                    | : LC50 (Pimephales promelas (fathead minnow)): > 100 mg/l<br>Exposure time: 96 h<br>Test Type: static test<br>Method: OECD Test Guideline 203<br>GLP: yes |
| Toxicity to daphnia and other aquatic invertebrates | : EC50 (Daphnia magna (Water flea)): > 10.000 mg/l<br>Exposure time: 48 h<br>Test Type: static test<br>Method: OECD Test Guideline 202                    |
| Toxicity to algae/aquatic plants                    | : NOEC (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l<br>Exposure time: 72 h<br>Test Type: static test<br>Method: OECD Test Guideline 201    |

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Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 10 mg/l  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)

### **titanium dioxide; [in powder form containing <1 % of particles with aerodynamic diameter ≤ 10 µm]:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l  
Exposure time: 96 h  
Test Type: static test  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia magna (Water flea)): > 100 mg/l  
Exposure time: 48 h  
Test Type: static test  
Method: OECD Test Guideline 202

## 12.2 Persistence and degradability

### **Product:**

Biodegradability : Remarks: No data available

Physico-chemical removability : Remarks: No data available

### **Components:**

#### **2,5-bis(tert-nonyldithio)-1,3,4-thiadiazole:**

Biodegradability : Result: Not readily biodegradable.

#### **Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified:**

Biodegradability : Test Type: aerobic  
Inoculum: activated sludge  
Result: Not rapidly biodegradable  
Biodegradation: 3 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301B  
GLP: yes

#### **Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil — unspecified:**

Biodegradability : Test Type: aerobic  
Inoculum: activated sludge  
Result: Not rapidly biodegradable  
Biodegradation: 31 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301B  
GLP: yes

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### 12.3 Bioaccumulative potential

#### Product:

Bioaccumulation : Remarks: No data available

#### Components:

##### **Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified:**

Partition coefficient: n- : log Pow: 10,16 - 24,9  
octanol/water

### 12.4 Mobility in soil

#### Product:

Mobility : Remarks: No data available

Distribution among : Remarks: No data available  
environmental compartments

### 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:

##### **Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified:**

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

##### **titanium dioxide; [in powder form containing <1 % of particles with aerodynamic diameter ≤ 10 µm]:**

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

### 12.6 Endocrine disrupting properties

#### Product:

Assessment : 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.

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### 12.7 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 : 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

ADN : Not regulated as a dangerous good

ADR : Not regulated as a dangerous good

RID : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA : Not regulated as a dangerous good

### 14.2 UN proper shipping name

ADN : Not regulated as a dangerous good

ADR : Not regulated as a dangerous good

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RID : Not regulated as a dangerous good  
IMDG : Not regulated as a dangerous good  
IATA : Not regulated as a dangerous good

### 14.3 Transport hazard class(es)

ADN : Not regulated as a dangerous good  
ADR : Not regulated as a dangerous good  
RID : Not regulated as a dangerous good  
IMDG : Not regulated as a dangerous good  
IATA : Not regulated as a dangerous good

### 14.4 Packing group

ADN : Not regulated as a dangerous good  
ADR : Not regulated as a dangerous good  
RID : Not regulated as a dangerous good  
IMDG : Not regulated as a dangerous good  
IATA (Cargo) : Not regulated as a dangerous good  
IATA (Passenger) : Not regulated as a dangerous good

### 14.5 Environmental hazards

ADN : Not regulated as a dangerous good  
ADR : Not regulated as a dangerous good  
RID : Not regulated as a dangerous good  
IMDG : Not regulated as a dangerous good

### 14.6 Special precautions for user

Not applicable

### 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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Not applicable

REACH - Candidate List of Substances of Very High : This product does not contain

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Concern for Authorisation (Article 59).  
(EU SVHC)

substances of very high concern  
(Regulation (EC) No  
1907/2006 (REACH), Article 57).

Regulation (EU) No 2024/590 on substances that  
deplete the ozone layer  
(EC 2024/590)

: Not applicable

Regulation (EU) 2019/1021 on persistent organic  
pollutants (recast)  
(EU POP)

: Not applicable

Regulation (EU) No 649/2012 of the European  
Parliament and the Council concerning the export and  
import of dangerous chemicals  
(EU PIC)

: Not applicable

REACH - List of substances subject to authorisation  
(Annex XIV)  
(EU. REACH-Annex XIV)

: Not applicable

Regulation (EU) 2019/1148 on the marketing and use of  
explosives precursors

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

Water hazard class  
(Germany)

: WGK 1 slightly hazardous to water  
Classification according to AwSV, Annex 1 (5.2)

TA Luft List (Germany)

: 5.2.1: Total dust:  
others: 15,62 %  
5.2.5: Organic Substances:  
Class 1: 64,82 %

Volatile organic compounds

: Directive 2010/75/EU of 24 November 2010 on industrial and  
livestock rearing emissions (integrated pollution prevention and

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control)  
Not applicable

### 15.2 Chemical safety assessment

This information is not available.

## SECTION 16: Other information

### Full text of H-Statements

H412 : Harmful to aquatic life with long lasting effects.

### Full text of other abbreviations

Note L : The harmonised classification as a carcinogen applies unless it can be shown that the substance contains less than 3 % of dimethyl sulphoxide extract as measured by IP 346 ("Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions - Dimethyl sulphoxide extraction refractive index method" Institute of Petroleum, London), in which case a classification in accordance with Title II of this Regulation shall be performed also for that hazard class.

DE DFG MAK : Germany. MAK BAT Annex IIa  
DE TRGS 527 : Germany. TRGS 527 - Activities with nanomaterials  
DE TRGS 900 : Germany. TRGS 900 - Occupational exposure limit values.  
DE DFG MAK / MAK : MAK value  
DE TRGS 527 / BM : Assessment scale  
DE TRGS 900 / AGW : Time Weighted Average

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - 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 - 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

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

### Further information

|| Relevant changes compared to the last edition are highlighted at the left margin. This version replaces all previous editions.

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