

# SAFETY DATA SHEET

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



## OKS 641

|         |                |                                 |             |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 21.12.2022  | Print Date: |
| 4.2     | 09.09.2025     | Date of first issue: 09.07.2016 | 09.09.2025  |

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

### 1.1 Product identifier

Product name : OKS 641

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

Use of the Substance/Mixture : Lubricant spray

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 : +34 91 562 04 20

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

|                               |   |
|-------------------------------|---|
| Aerosols, Category 2          | H223: Flammable aerosol.<br>H229: Pressurised container: May burst if heated. |
| Aspiration hazard, Category 1 | H304: May be fatal if swallowed and enters airways.                           |

# SAFETY DATA SHEET

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



## OKS 641

|                |                              |   |                           |
|----------------|------------------------------|---|---------------------------|
| Version<br>4.2 | Revision Date:<br>09.09.2025 | Date of last issue: 21.12.2022<br>Date of first issue: 09.07.2016 | Print Date:<br>09.09.2025 |
|----------------|------------------------------|---|---------------------------|

### 2.2 Label elements

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

Hazard pictograms :



Signal word : Danger

Hazard statements : H223 Flammable aerosol.  
H229 Pressurised container: May burst if heated.  
H304 May be fatal if swallowed and enters airways.

Supplemental Hazard Statements : EUH066 Repeated exposure may cause skin dryness or cracking.

Precautionary statements : **Prevention:**  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
**Response:**  
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
P331 Do NOT induce vomiting.  
**Storage:**  
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

#### Hazardous components which must be listed on the label:

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

#### Additional Labelling

EUH208 Contains Sulfonic acids, petroleum, 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 Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878 - ES



## OKS 641

|                |                              |   |                           |
|----------------|------------------------------|---|---------------------------|
| Version<br>4.2 | Revision Date:<br>09.09.2025 | Date of last issue: 21.12.2022<br>Date of first issue: 09.07.2016 | Print Date:<br>09.09.2025 |
|----------------|------------------------------|---|---------------------------|

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 : Active substance with propellant

#### 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) |
|--|--|--|---|--------------------------|
| Hydrocarbons, C10-<br>C13, n-alkanes,<br>isoalkanes, cyclics, <<br>2% aromatics        | 918-481-9<br><br>01-2119457273-39-<br>XXXX                               | Asp. Tox.1; H304;<br>EUH066<br>;<br>EUH066 | Note P<br>Note P  | >= 50 - < 70             |
| Sulfonic acids,<br>petroleum, calcium<br>salts   | 61789-86-4<br>263-093-9<br><br>01-2119488992-18-<br>0000                 | Skin Sens.1B;<br>H317                      | >= 10 %<br>Skin Sens.1B,  | >= 1 - < 10              |
| Substances with a workplace exposure limit :   |  |  |   |                          |
| Distillates (petroleum),<br>hydrotreated heavy<br>paraffinic; Baseoil —<br>unspecified | 64742-54-7<br>265-157-1<br><br>649-467-00-8<br>01-2119484627-25-<br>XXXX | Not classified                             | Note L  | >= 1 - < 10              |

# SAFETY DATA SHEET

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



## OKS 641

|         |                |                                 |             |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 21.12.2022  | Print Date: |
| 4.2     | 09.09.2025     | Date of first issue: 09.07.2016 | 09.09.2025  |

|   |  |                |        |                 |
|---|--|----------------|--------|-----------------|
| 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 | $\geq 1 - < 10$ |
|---|--|----------------|--------|-----------------|

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.  
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.  
Get medical attention immediately if irritation develops and persists.  
Wash clothing before reuse.  
Thoroughly clean shoes before reuse.  
Wash skin thoroughly with soap and water or use recognized skin cleanser.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes.  
Seek medical advice.
- If swallowed : Move the victim to fresh air.  
Keep respiratory tract clear.  
Do NOT induce vomiting.  
Obtain medical attention.  
Rinse mouth with water.  
Aspiration hazard if swallowed - can enter lungs and cause damage.

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

- Symptoms : Inhalation may provoke the following symptoms:  
Unconsciousness  
Dizziness  
Drowsiness

# SAFETY DATA SHEET

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



## OKS 641

|                |                              |   |                           |
|----------------|------------------------------|---|---------------------------|
| Version<br>4.2 | Revision Date:<br>09.09.2025 | Date of last issue: 21.12.2022<br>Date of first issue: 09.07.2016 | Print Date:<br>09.09.2025 |
|----------------|------------------------------|---|---------------------------|

Headache  
Nausea  
Tiredness  
Skin contact may provoke the following symptoms:  
Erythema

Aspiration may cause pulmonary oedema and pneumonitis.

Risks : Can be absorbed through skin.  
Risk of product entering the lungs on vomiting after ingestion.  
Health injuries may be delayed.

May be fatal if swallowed and enters airways.  
Repeated exposure may cause skin dryness or cracking.

### 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 : ABC powder

Unsuitable extinguishing media : High volume water jet

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

Specific hazards during firefighting : Fire Hazard  
Do not let product enter drains.  
Contains gas under pressure; may explode if heated.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

Hazardous combustion products : Carbon oxides  
Nitrogen oxides (NOx)  
Sulphur 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.  
Cool containers/tanks with water spray.

# SAFETY DATA SHEET

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



## OKS 641

|         |                |                                 |             |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 21.12.2022  | Print Date: |
| 4.2     | 09.09.2025     | Date of first issue: 09.07.2016 | 09.09.2025  |

## SECTION 6: Accidental release measures

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

Personal precautions : Evacuate personnel to safe areas.  
Ensure adequate ventilation.  
Remove all sources of ignition.  
Do not breathe vapours or spray mist.  
Refer to protective measures listed in sections 7 and 8.  
Only qualified personnel equipped with suitable protective equipment may intervene.

### 6.2 Environmental precautions

Environmental precautions : Try to prevent the material from entering drains or water courses.  
Prevent further leakage or spillage if safe to do so.  
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 : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).  
Keep in suitable, closed containers for disposal.  
Non-sparking tools should be used.

### 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 : Do not use in areas without adequate ventilation.  
Do not breathe vapours or spray mist.  
In case of insufficient ventilation, wear suitable respiratory equipment.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Keep away from fire, sparks and heated surfaces.  
Smoking, eating and drinking should be prohibited in the application area.  
Wash hands and face before breaks and immediately after handling the product.

# SAFETY DATA SHEET

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



## OKS 641

|                |                              |   |                           |
|----------------|------------------------------|---|---------------------------|
| Version<br>4.2 | Revision Date:<br>09.09.2025 | Date of last issue: 21.12.2022<br>Date of first issue: 09.07.2016 | Print Date:<br>09.09.2025 |
|----------------|------------------------------|---|---------------------------|

Do not get in eyes or mouth or on skin.  
Do not get on skin or clothing.  
Do not ingest.  
Do not use sparking tools.  
These safety instructions also apply to empty packaging which may still contain product residues.  
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after 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 : BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. Store in accordance with the particular national regulations.

### 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 | VLA-ED (Mist)                 | 5 mg/m <sup>3</sup>  | ES VLA (2019-02-20) |
|  |            | VLA-EC (Mist)                 | 10 mg/m <sup>3</sup> | ES VLA (2019-02-20) |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil — unspecified | 64742-65-0 | VLA-ED (Mist)                 | 5 mg/m <sup>3</sup>  | ES VLA (2019-02-20) |
|  |            | VLA-EC (Mist)                 | 10 mg/m <sup>3</sup> | ES VLA (2019-02-20) |

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

# SAFETY DATA SHEET

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



## OKS 641

|                |                              |   |                           |
|----------------|------------------------------|---|---------------------------|
| Version<br>4.2 | Revision Date:<br>09.09.2025 | Date of last issue: 21.12.2022<br>Date of first issue: 09.07.2016 | Print Date:<br>09.09.2025 |
|----------------|------------------------------|---|---------------------------|

| 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             |

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

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

## 8.2 Exposure controls

### Engineering measures

Use only in an area equipped with explosion proof exhaust ventilation.  
Handle only in a place equipped with local exhaust (or other appropriate exhaust).

### Personal protective equipment

Eye/face protection : Safety glasses with side-shields

Hand protection

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

Remarks : Wear 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.



# SAFETY DATA SHEET

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



## OKS 641

|                |                              |   |                           |
|----------------|------------------------------|---|---------------------------|
| Version<br>4.2 | Revision Date:<br>09.09.2025 | Date of last issue: 21.12.2022<br>Date of first issue: 09.07.2016 | Print Date:<br>09.09.2025 |
|----------------|------------------------------|---|---------------------------|

- |                          |   |   |
|--------------------------|---|---|
| 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. Short term only |
| 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.                                |
| 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              | : | aerosol            |
| Colour                      | : | brown              |
| Odour                       | : | hydrocarbon-like   |
| Odour Threshold             | : | No data available  |
| Melting point/ range        | : | No data available  |
| Boiling point/boiling range | : | 150 °C (1.013 hPa) |

# SAFETY DATA SHEET

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



## OKS 641

|                |                              |   |                           |
|----------------|------------------------------|---|---------------------------|
| Version<br>4.2 | Revision Date:<br>09.09.2025 | Date of last issue: 21.12.2022<br>Date of first issue: 09.07.2016 | Print Date:<br>09.09.2025 |
|----------------|------------------------------|---|---------------------------|

|  |   |   |
|--|---|---|
| Flammability (solid, gas)                        | : | Flammable aerosol.  |
| Upper explosion limit / Upper flammability limit | : | 6 %(V)  |
| Lower explosion limit / Lower flammability limit | : | 0,6 %(V)  |
| Flash point                                      | : | 62 °C<br>Method: Pensky-Martens                                       |
| 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   |
| Viscosity, kinematic                             | : | < 20,5 mm <sup>2</sup> /s (40 °C)                                     |
| Solubility(ies)                                  |   |   |
| Water solubility                                 | : | insoluble   |
| Solubility in other solvents                     | : | No data available   |
| Partition coefficient: n-octanol/water           | : | No data available   |
| Vapour pressure                                  | : | 4.500 hPa (20 °C)   |
| Relative density                                 | : | 0,83 (20 °C)<br>Reference substance: Water<br>The value is calculated |
| Density  | : | 0,83 g/cm <sup>3</sup><br>(20 °C)                                     |
| Bulk density                                     | : | No data available   |
| Relative vapour density                          | : | No data available   |

### 9.2 Other information

|                      |   |                   |
|----------------------|---|-------------------|
| Explosives           | : | Not explosive     |
| Oxidizing properties | : | No data available |

# SAFETY DATA SHEET

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



## OKS 641

|                |                              |   |                           |
|----------------|------------------------------|---|---------------------------|
| Version<br>4.2 | Revision Date:<br>09.09.2025 | Date of last issue: 21.12.2022<br>Date of first issue: 09.07.2016 | Print Date:<br>09.09.2025 |
|----------------|------------------------------|---|---------------------------|

|                      |   |                         |
|----------------------|---|-------------------------|
| Self-ignition        | : | No data available       |
| Metal corrosion rate | : | Not corrosive to metals |
| Evaporation rate     | : | No data available       |
| Heat of combustion   | : | < 20 kJ/g               |
| Sublimation point    | : | No data available       |

## 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 : Heat, flames and sparks.  
Strong sunlight for prolonged periods.  
Risk of receptacle bursting.

### 10.5 Incompatible materials

Materials to avoid : Oxidizing agents

### 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: Irritating to respiratory system.

# SAFETY DATA SHEET

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



## OKS 641

|                |                              |   |                           |
|----------------|------------------------------|---|---------------------------|
| Version<br>4.2 | Revision Date:<br>09.09.2025 | Date of last issue: 21.12.2022<br>Date of first issue: 09.07.2016 | Print Date:<br>09.09.2025 |
|----------------|------------------------------|---|---------------------------|

Symptoms: Inhalation may provoke the following symptoms:  
Respiratory disorder, Local irritation, Respiratory disorders

Acute dermal toxicity : Remarks: Prolonged or repeated skin contact with liquid may cause defatting resulting in drying, redness and possible blistering.

Symptoms: Redness, Local irritation, Skin disorders

### Components:

#### **Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics:**

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

#### **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

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

### **Skin corrosion/irritation**

Repeated exposure may cause skin dryness or cracking.

### Product:

Remarks : This information is not available.

# SAFETY DATA SHEET

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



## OKS 641

|         |                |                                 |             |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 21.12.2022  | Print Date: |
| 4.2     | 09.09.2025     | Date of first issue: 09.07.2016 | 09.09.2025  |

### Components:

#### **Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics:**

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

Result : Repeated exposure may cause skin dryness or cracking.

#### **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                     |

### **Serious eye damage/eye irritation**

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

### Product:

Remarks : Contact with eyes may cause irritation.

### Components:

#### **Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics:**

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

#### **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 |
|---------|----------|

# SAFETY DATA SHEET

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



## OKS 641

|         |                |                                 |             |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 21.12.2022  | Print Date: |
| 4.2     | 09.09.2025     | Date of first issue: 09.07.2016 | 09.09.2025  |

|            |   |                         |
|------------|---|-------------------------|
| Assessment | : | No eye irritation       |
| Method     | : | OECD Test Guideline 405 |
| Result     | : | No eye irritation       |
| GLP        | : | yes                     |

### 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:

##### Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics:

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

##### Sulfonic acids, petroleum, calcium salts:

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

##### Distillates (petroleum), hydrotreated 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                                |

##### 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                                |

### Germ cell mutagenicity

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

# SAFETY DATA SHEET

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



## OKS 641

|         |                |                                 |             |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 21.12.2022  | Print Date: |
| 4.2     | 09.09.2025     | Date of first issue: 09.07.2016 | 09.09.2025  |

### Product:

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Remarks: No data available

### Components:

#### **Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics:**

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

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

Genotoxicity in vitro : Test system: Salmonella typhimurium  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 471  
Result: negative

Genotoxicity in vivo : Species: Mouse  
Application Route: Oral  
Method: OECD Test Guideline 474  
Result: negative

### **Carcinogenicity**

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

### Product:

Remarks : No data available

### Components:

#### **Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics:**

Carcinogenicity -  
Assessment : Not classifiable as a human carcinogen.

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

Carcinogenicity -  
Assessment : Not classifiable as a human carcinogen.

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

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

### **Reproductive toxicity**

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

# SAFETY DATA SHEET

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



## OKS 641

|                |                              |   |                           |
|----------------|------------------------------|---|---------------------------|
| Version<br>4.2 | Revision Date:<br>09.09.2025 | Date of last issue: 21.12.2022<br>Date of first issue: 09.07.2016 | Print Date:<br>09.09.2025 |
|----------------|------------------------------|---|---------------------------|

### Product:

Effects on fertility : Remarks: No data available

Effects on foetal development : Remarks: No data available

### Components:

#### **Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics:**

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

#### **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 development : Species: Rat  
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

### **STOT - single exposure**

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

### Product:

Remarks : No data available

### Components:

#### **Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics:**

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



# SAFETY DATA SHEET

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



## OKS 641

|         |                |                                 |             |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 21.12.2022  | Print Date: |
| 4.2     | 09.09.2025     | Date of first issue: 09.07.2016 | 09.09.2025  |

### Components:

#### **Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics:**

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

### **Repeated dose toxicity**

#### Product:

Remarks : This information is not available.

### **Aspiration toxicity**

May be fatal if swallowed and enters airways.

#### Product:

May be fatal if swallowed and enters airways.

### Components:

#### **Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics:**

May be fatal if swallowed and enters airways.

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

No aspiration toxicity classification

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

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

# SAFETY DATA SHEET

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



## OKS 641

|                |                              |   |                           |
|----------------|------------------------------|---|---------------------------|
| Version<br>4.2 | Revision Date:<br>09.09.2025 | Date of last issue: 21.12.2022<br>Date of first issue: 09.07.2016 | Print Date:<br>09.09.2025 |
|----------------|------------------------------|---|---------------------------|

## 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

#### Components:

##### **Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l  
Exposure time: 96 h

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

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l  
Exposure time: 72 h

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

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

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 10.000 mg/l  
Exposure time: 48 h  
Test Type: Immobilization  
Method: OECD Test Guideline 202  
GLP: yes

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 10 mg/l  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)  
Test Type: semi-static test  
Method: OECD Test Guideline 211  
GLP: yes

# SAFETY DATA SHEET

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



## OKS 641

|         |                |                                 |             |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 21.12.2022  | Print Date: |
| 4.2     | 09.09.2025     | Date of first issue: 09.07.2016 | 09.09.2025  |

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

## 12.2 Persistence and degradability

### **Product:**

|                               |   |                            |
|-------------------------------|---|----------------------------|
| Biodegradability              | : | Remarks: No data available |
| Physico-chemical removability | : | Remarks: No data available |

### **Components:**

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

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

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

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

# SAFETY DATA SHEET

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



## OKS 641

|                |                              |   |                           |
|----------------|------------------------------|---|---------------------------|
| Version<br>4.2 | Revision Date:<br>09.09.2025 | Date of last issue: 21.12.2022<br>Date of first issue: 09.07.2016 | Print Date:<br>09.09.2025 |
|----------------|------------------------------|---|---------------------------|

### 12.3 Bioaccumulative potential

#### Product:

Bioaccumulation : Remarks: No data available

#### Components:

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

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

### 12.4 Mobility in soil

#### Product:

Mobility : Remarks: No data available

Distribution among environmental compartments : Remarks: No data available

### 12.5 Results of PBT and vPvB assessment

#### Product:

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

#### Components:

##### **Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics:**

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

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

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.

# SAFETY DATA SHEET

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



## OKS 641

|         |                |                                 |             |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 21.12.2022  | Print Date: |
| 4.2     | 09.09.2025     | Date of first issue: 09.07.2016 | 09.09.2025  |

### 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 : 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.  
Offer empty spray cans to an established disposal company.  
Pressurized container: Do not pierce or burn, even after use.

The following Waste Codes are only suggestions:

Waste Code : unused product, packagings not completely emptied  
16 05 04\*, gases in pressure containers (including halons)  
containing hazardous substances

## SECTION 14: Transport information

### 14.1 UN number or ID number

ADR : UN 1950  
RID : UN 1950  
IMDG : UN 1950  
IATA : UN 1950

### 14.2 UN proper shipping name

ADR : AEROSOLS  
RID : AEROSOLS  
IMDG : AEROSOLS  
IATA : Aerosols, flammable

### 14.3 Transport hazard class(es)

# SAFETY DATA SHEET

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



## OKS 641

|                |                              |   |                           |
|----------------|------------------------------|---|---------------------------|
| Version<br>4.2 | Revision Date:<br>09.09.2025 | Date of last issue: 21.12.2022<br>Date of first issue: 09.07.2016 | Print Date:<br>09.09.2025 |
|----------------|------------------------------|---|---------------------------|

|             |   |     |
|-------------|---|-----|
| <b>ADR</b>  | : | 2   |
| <b>RID</b>  | : | 2   |
| <b>IMDG</b> | : | 2.1 |
| <b>IATA</b> | : | 2.1 |

### 14.4 Packing group

|                         |                              |
|-------------------------|------------------------------|
| <b>ADR</b>              |                              |
| Packing group           | : Not assigned by regulation |
| Classification Code     | : 5F                         |
| Labels                  | : 2.1                        |
| Tunnel restriction code | : (D)                        |

|                              |                              |
|------------------------------|------------------------------|
| <b>RID</b>                   |                              |
| Packing group                | : Not assigned by regulation |
| Classification Code          | : 5F                         |
| Hazard Identification Number | : 23                         |
| Labels                       | : 2.1                        |

|               |                              |
|---------------|------------------------------|
| <b>IMDG</b>   |                              |
| Packing group | : Not assigned by regulation |
| Labels        | : 2.1                        |
| EmS Code      | : F-D, S-U                   |

|                                      |                              |
|--------------------------------------|------------------------------|
| <b>IATA (Cargo)</b>                  |                              |
| Packing instruction (cargo aircraft) | : 203                        |
| Packing instruction (LQ)             | : Y203                       |
| Packing group                        | : Not assigned by regulation |
| Labels                               | : Flammable Gas              |

|  |                              |
|--|------------------------------|
| <b>IATA (Passenger)</b>                  |                              |
| Packing instruction (passenger aircraft) | : 203                        |
| Packing instruction (LQ)                 | : Y203                       |
| Packing group                            | : Not assigned by regulation |
| Labels                                   | : Flammable Gas              |

### 14.5 Environmental hazards

|                           |      |
|---------------------------|------|
| <b>ADR</b>                |      |
| Environmentally hazardous | : no |

|                           |      |
|---------------------------|------|
| <b>RID</b>                |      |
| Environmentally hazardous | : no |

|                  |      |
|------------------|------|
| <b>IMDG</b>      |      |
| Marine pollutant | : no |

### 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

# SAFETY DATA SHEET

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



## OKS 641

|                |                              |   |                           |
|----------------|------------------------------|---|---------------------------|
| Version<br>4.2 | Revision Date:<br>09.09.2025 | Date of last issue: 21.12.2022<br>Date of first issue: 09.07.2016 | Print Date:<br>09.09.2025 |
|----------------|------------------------------|---|---------------------------|

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

|  |  |
|--|--|
| REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) | : Conditions of restriction for the following entries should be considered:<br>Number on list 75: If you intend to use this product as tattoo ink, please contact your vendor. |
| REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).<br>(EU SVHC)                                     | : This product does not contain 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<br>(EC 2024/590)  | : Not applicable   |
| Regulation (EU) 2019/1021 on persistent organic pollutants (recast)<br>(EU POP)  | : Not applicable   |
| Regulation (EU) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals<br>(EU PIC) | : Not applicable   |
| REACH - List of substances subject to authorisation (Annex XIV)<br>(EU. REACH-Annex XIV)   | : Not applicable   |
| Regulation (EU) 2019/1148 on the marketing and use of explosives precursors  | Not applicable   |

# SAFETY DATA SHEET

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



## OKS 641

|                |                              |   |                           |
|----------------|------------------------------|---|---------------------------|
| Version<br>4.2 | Revision Date:<br>09.09.2025 | Date of last issue: 21.12.2022<br>Date of first issue: 09.07.2016 | Print Date:<br>09.09.2025 |
|----------------|------------------------------|---|---------------------------|

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

P3b FLAMMABLE AEROSOLS

34 Petroleum products: (a) gasolines and naphthas, (b) kerosenes (including jet fuels), (c) gas oils (including diesel fuels, home heating oils and gas oil blending streams),(d) heavy fuel oils (e) alternative fuels serving the same purposes and with similar properties as regards flammability and environmental hazards as the products referred to in points (a) to (d)

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control)  
Volatile organic compounds (VOC) content: 69,28 %

## 15.2 Chemical safety assessment

This information is not available.

## SECTION 16: Other information

### Full text of H-Statements

H304 : May be fatal if swallowed and enters airways.  
H317 : May cause an allergic skin reaction.  
EUH066 : Repeated exposure may cause skin dryness or cracking.

### 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



# SAFETY DATA SHEET

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



## OKS 641

|                |                              |   |                           |
|----------------|------------------------------|---|---------------------------|
| Version<br>4.2 | Revision Date:<br>09.09.2025 | Date of last issue: 21.12.2022<br>Date of first issue: 09.07.2016 | Print Date:<br>09.09.2025 |
|----------------|------------------------------|---|---------------------------|

- 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.
- Note P : The harmonised classification as a carcinogen or mutagen  
applies unless it can be shown that the substance contains  
less than 0,1 % w/w benzene (Einecs No 200-753-7), in which  
case a classification in accordance with Title II of this  
Regulation shall be performed also for those hazard classes.  
Where the substance is not classified as a carcinogen or  
mutagen, at least the precautionary statements (P102-)P260-  
P262-P301 + P310-P331 shall apply.
- ES VLA : Spain. Environmental Limits for exposure to Chemical agents  
- Table 1: Occupational Exposure Values
- ES VLA / VLA-ED : Environmental Daily Limit Value
- ES VLA / VLA-EC : Environmental Short Term Value

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 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

# SAFETY DATA SHEET

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



## OKS 641

|         |                |                                 |             |
|---------|----------------|---------------------------------|-------------|
| Version | Revision Date: | Date of last issue: 21.12.2022  | Print Date: |
| 4.2     | 09.09.2025     | Date of first issue: 09.07.2016 | 09.09.2025  |

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

#### Classification of the mixture:

|             |            |
|-------------|------------|
| Aerosol 2   | H223, H229 |
| Asp. Tox. 1 | H304       |

#### Classification procedure:

|                                     |
|-------------------------------------|
| Based on product data or assessment |
| Based on product data or assessment |

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

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.