

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - PL  
(Commission Regulation (EU) 2020/878)



## OKS 8600

Version	Revision Date:	Date of last issue: 07.08.2019	Print Date:
1.3	30.08.2022	Date of first issue: 10.07.2016	30.08.2022

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

#### 1.1 Product identifier

Product name : OKS 8600

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

Use of the Sub-  
stance/Mixture : Lubricant

Recommended restrictions : Restricted to professional users.  
on use

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

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

E-mail address of person : mcm@oks-germany.com  
responsible for the SDS Material Compliance Management

National contact :

#### 1.4 Emergency telephone number

Emergency telephone num- : +49 8142 3051 517  
ber Warszawa: +48 22 619 66 54

### 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.

**Additional Labelling**

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - PL  
(Commission Regulation (EU) 2020/878)



## OKS 8600

Version	Revision Date:	Date of last issue: 07.08.2019	Print Date:
1.3	30.08.2022	Date of first issue: 10.07.2016	30.08.2022

EUH210 Safety data sheet available on request.

### 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 : ester oil

#### Components

Chemical name	CAS-No. EC-No.  Index-No. Registration number	Classification	specific concentration limit M-Factor Notes Acute toxicity estimate	Concentration (% w/w)
Reaction products of fatty acids, C16-18, C18 unsatd. with Amines, polyethylene-poly-, triethylenetetramine fraction and 3-(C9-C15, C12 rich, alk-1-enyl)dihydro-2,5-furandione	947-263-6  01-2120761103-66-XXXX	Skin Irrit.2; H315 Repr.2; H361fd Aquatic Chronic4; H413		>= 1 - < 2,5

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

If inhaled : Obtain medical attention.  
Remove person to fresh air. If signs/symptoms continue, get medical attention.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - PL  
(Commission Regulation (EU) 2020/878)



## OKS 8600

Version 1.3	Revision Date: 30.08.2022	Date of last issue: 07.08.2019 Date of first issue: 10.07.2016	Print Date: 30.08.2022
----------------	------------------------------	---	---------------------------

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 off immediately with plenty of water.

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes.  
If eye irritation persists, consult a specialist.

If swallowed : Move the victim to fresh air.  
If unconscious, place in recovery position and seek medical advice.  
Keep respiratory tract clear.  
Do NOT induce vomiting.  
Obtain medical attention.  
Rinse mouth with water.  
Never give anything by mouth to an unconscious person.

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

Risks : Causes skin irritation.

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

Treatment : Treat symptomatically.

---

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

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

Unsuitable extinguishing media : High volume water jet

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

Hazardous combustion products : Carbon oxides  
Nitrogen oxides (NOx)  
Sulphur oxides

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - PL  
(Commission Regulation (EU) 2020/878)



## OKS 8600

Version	Revision Date:	Date of last issue: 07.08.2019	Print Date:
1.3	30.08.2022	Date of first issue: 10.07.2016	30.08.2022

### 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.  
Use personal protective equipment.  
Ensure adequate ventilation.  
Do not breathe vapours or spray mist.  
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.  
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).

### 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 breathe vapours or spray mist.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Wash hands and face before breaks and immediately after handling the product.  
Do not get in eyes or mouth or on skin.  
Do not get on skin or clothing.  
Do not ingest.  
Do not repack.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - PL  
(Commission Regulation (EU) 2020/878)



## OKS 8600

Version	Revision Date:	Date of last issue: 07.08.2019	Print Date:
1.3	30.08.2022	Date of first issue: 10.07.2016	30.08.2022

Do not re-use empty containers.  
These safety instructions also apply to empty packaging which may still contain product residues.  
Keep container closed when not in use.

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

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

Requirements for storage areas and containers : Store in original container. Keep container closed when not in use. Keep in a dry, cool and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in accordance with the particular national regulations. Keep in properly labelled containers.

### 7.3 Specific end use(s)

Specific use(s) : Specific instructions for handling, not required.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

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

Substance name	End Use	Exposure routes	Potential health effects	Value
thiodiethylene bis[3-(3,5-di-tert-butyl-4-hydroxy-phenyl)propionate]	Workers	Inhalation	Long-term systemic effects	3 mg/m <sup>3</sup>
	Workers	Inhalation	Acute systemic effects	3 mg/m <sup>3</sup>
	Workers	Skin contact	Long-term systemic effects	13,8 mg/kg
Reaction products of fatty acids, C16-18, C18 unsatd. with Amines, polyethylenepoly-, triethylenetetramine fraction and 3-(C9-C15, C12 rich, alk-1-enyl)dihydro-2,5-furandione	Workers	Inhalation	Long-term systemic effects	3,72 mg/m <sup>3</sup>
	Workers	Skin contact	Long-term systemic effects	1,04 mg/m <sup>3</sup>

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

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - PL  
(Commission Regulation (EU) 2020/878)



## OKS 8600

Version 1.3      Revision Date: 30.08.2022      Date of last issue: 07.08.2019      Print Date: 30.08.2022  
Date of first issue: 10.07.2016

Substance name	Environmental Compartment	Value
thiodiethylene bis[3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate]	Sewage treatment plant	1 mg/l
Reaction products of fatty acids, C16-18, C18 unsatd. with Amines, polyethylenepoly-, triethylenetetramine fraction and 3-(C9-C15, C12 rich, alk-1-enyl)dihydro-2,5-furandione	Fresh water	0,496 mg/l
	Marine water	0,05 mg/l
	Microbiological Activity in Sewage Treatment Systems	100 mg/l
	Fresh water sediment	3772830,55 mg/kg
	Marine sediment	377283,06 mg/kg
	Soil	3935351,65 mg/kg

## 8.2 Exposure controls

### Engineering measures

Handle only in a place equipped with local exhaust (or other appropriate exhaust).

### Personal protective equipment

Eye protection : Safety glasses with side-shields

#### 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 : Not required; except in case of aerosol formation.

Filter type : Filter type A-P

Protective measures : The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - PL  
(Commission Regulation (EU) 2020/878)



## OKS 8600

Version	Revision Date:	Date of last issue: 07.08.2019	Print Date:
1.3	30.08.2022	Date of first issue: 10.07.2016	30.08.2022

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state	:	liquid
Colour	:	brown
Odour	:	characteristic
Odour Threshold	:	No data available
Melting point/range	:	No data available
Boiling point/boiling range	:	No data available
Flammability (solid, gas)	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	290 °C
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
pH	:	Not applicable substance/mixture is non-polar/aprotic
Viscosity		
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	No data available
Solubility(ies)		
Water solubility	:	immiscible
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - PL  
(Commission Regulation (EU) 2020/878)



## OKS 8600

Version	Revision Date:	Date of last issue: 07.08.2019	Print Date:
1.3	30.08.2022	Date of first issue: 10.07.2016	30.08.2022

Vapour pressure : < 1 hPa (20 °C)

Relative density : 0,919 (20 °C)  
Reference substance: Water  
The value is calculated

Density : 0,92 g/cm<sup>3</sup>  
(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

Self-ignition : No data available

Evaporation rate : No data available

Refractive index : 1,4733 at 20 °C

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 : 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.



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - PL  
(Commission Regulation (EU) 2020/878)



## OKS 8600

Version	Revision Date:	Date of last issue: 07.08.2019	Print Date:
1.3	30.08.2022	Date of first issue: 10.07.2016	30.08.2022

### SECTION 11: Toxicological information

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

##### Acute toxicity

###### Product:

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

Acute dermal toxicity : Symptoms: Redness, Local irritation

###### Components:

Reaction products of fatty acids, C16-18, C18 unsatd. with Amines, polyethylenepoly-, triethyl-  
enetetramine fraction and 3-(C9–C15, C12 rich, alk-1-enyl)dihydro-2,5-furandione

:

Acute oral toxicity : LD50 (Rat): > 2.000 mg/kg  
Method: OECD Test Guideline 423  
GLP: yes

##### Skin corrosion/irritation

###### Product:

Remarks : Irritating to skin.

###### Components:

Reaction products of fatty acids, C16-18, C18 unsatd. with Amines, polyethylenepoly-, triethyl-  
enetetramine fraction and 3-(C9–C15, C12 rich, alk-1-enyl)dihydro-2,5-furandione

:

Species : human skin  
Assessment : Irritating to skin.  
Method : OECD Test Guideline 439  
Result : Irritating to skin.  
GLP : yes

##### Serious eye damage/eye irritation

###### Product:

Remarks : This information is not available.

###### Components:

Reaction products of fatty acids, C16-18, C18 unsatd. with Amines, polyethylenepoly-, triethyl-  
enetetramine fraction and 3-(C9–C15, C12 rich, alk-1-enyl)dihydro-2,5-furandione

:

Assessment : No eye irritation

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - PL  
(Commission Regulation (EU) 2020/878)



## OKS 8600

Version	Revision Date:	Date of last issue: 07.08.2019	Print Date:
1.3	30.08.2022	Date of first issue: 10.07.2016	30.08.2022

Result : No eye irritation

### Respiratory or skin sensitisation

#### Product:

Remarks : This information is not available.

#### Components:

Reaction products of fatty acids, C16-18, C18 unsatd. with Amines, polyethylenepoly-, triethyl-  
enetetramine fraction and 3-(C9–C15, C12 rich, alk-1-enyl)dihydro-2,5-furandione

:

Assessment : Did not cause sensitisation on laboratory animals.

Result : Did not cause sensitisation on laboratory animals.

### Germ cell mutagenicity

#### Product:

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Remarks: No data available

### Carcinogenicity

#### Product:

Remarks : No data available

### Reproductive toxicity

#### Product:

Effects on fertility : Remarks: No data available

Effects on foetal develop-  
ment : Remarks: No data available

#### Components:

Reaction products of fatty acids, C16-18, C18 unsatd. with Amines, polyethylenepoly-, triethyl-  
enetetramine fraction and 3-(C9–C15, C12 rich, alk-1-enyl)dihydro-2,5-furandione

:

Reproductive toxicity - As-  
sessment : - Fertility -

Some evidence of adverse effects on development, based on  
animal experiments., Some evidence of adverse effects on  
sexual function and fertility, based on animal experiments.  
- Teratogenicity -

Some evidence of adverse effects on development, based on  
animal experiments., Some evidence of adverse effects on

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - PL  
(Commission Regulation (EU) 2020/878)



## OKS 8600

Version	Revision Date:	Date of last issue: 07.08.2019	Print Date:
1.3	30.08.2022	Date of first issue: 10.07.2016	30.08.2022

sexual function and fertility, based on animal experiments.

### Repeated dose toxicity

**Product:**

Remarks : This information is not available.

### Aspiration toxicity

**Product:**

This information is not available.

## 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.

---

## 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

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - PL  
(Commission Regulation (EU) 2020/878)



## OKS 8600

Version	Revision Date:	Date of last issue: 07.08.2019	Print Date:
1.3	30.08.2022	Date of first issue: 10.07.2016	30.08.2022

### Components:

Reaction products of fatty acids, C16-18, C18 unsatd. with Amines, polyethylenepoly-, triethyl-  
enetetramine fraction and 3-(C9–C15, C12 rich, alk-1-enyl)dihydro-2,5-furandione

:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 1.000 mg/l  
Exposure time: 96 h  
Test Type: static test  
Method: OECD Test Guideline 203  
GLP: yes

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 1.000 mg/l  
aquatic invertebrates  
Exposure time: 48 h  
Test Type: static test  
Method: OECD Test Guideline 202  
GLP: yes

Toxicity to algae/aquatic : EC50 (Pseudokirchneriella subcapitata (green algae)): 496  
plants  
mg/l  
Exposure time: 72 h  
Test Type: static test  
Method: OECD Test Guideline 201  
GLP: yes

## 12.2 Persistence and degradability

### Product:

Biodegradability : Remarks: No data available

Physico-chemical removabil- : Remarks: No data available  
ity

### Components:

Reaction products of fatty acids, C16-18, C18 unsatd. with Amines, polyethylenepoly-, triethyl-  
enetetramine fraction and 3-(C9–C15, C12 rich, alk-1-enyl)dihydro-2,5-furandione

:

Biodegradability : Test Type: anaerobic  
Inoculum: activated sludge  
Concentration: 3,77 mg/l  
Result: Not readily biodegradable.  
Biodegradation: 10 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301D  
GLP: yes

## 12.3 Bioaccumulative potential

### Product:

Bioaccumulation : Remarks: This mixture contains no substance considered to

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - PL  
(Commission Regulation (EU) 2020/878)



## OKS 8600

Version	Revision Date:	Date of last issue: 07.08.2019	Print Date:
1.3	30.08.2022	Date of first issue: 10.07.2016	30.08.2022

be persistent, bioaccumulating and toxic (PBT).  
This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

### Components:

Reaction products of fatty acids, C16-18, C18 unsatd. with Amines, polyethylenepoly-, triethyl-  
enetetramine fraction and 3-(C9–C15, C12 rich, alk-1-enyl)dihydro-2,5-furandione

:

Partition coefficient: n- : log Pow: > 10  
octanol/water

### 12.4 Mobility in soil

#### Product:

Mobility : Remarks: No data available

Distribution among environ- : Remarks: No data available  
mental 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.

### 12.6 Endocrine disrupting properties

#### Product:

Assessment : The substance/mixture does not contain components consid-  
ered 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.

### 12.7 Other adverse effects

#### Product:

Additional ecological infor- : No information on ecology is available.  
mation

---

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - PL  
(Commission Regulation (EU) 2020/878)



## OKS 8600

Version	Revision Date:	Date of last issue: 07.08.2019	Print Date:
1.3	30.08.2022	Date of first issue: 10.07.2016	30.08.2022

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

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

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

The following Waste Codes are only suggestions:

Waste Code : unused product  
13 02 06\*, synthetic engine, gear and lubricating oils

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  
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

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - PL  
(Commission Regulation (EU) 2020/878)



## OKS 8600

Version 1.3	Revision Date: 30.08.2022	Date of last issue: 07.08.2019 Date of first issue: 10.07.2016	Print Date: 30.08.2022
----------------	------------------------------	---	---------------------------

**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 Concern for Authorisation (Article 59). (EU SVHC) : This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

REACH - List of substances subject to authorisation (Annex XIV) (EU. REACH-Annex XIV) : Not applicable

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

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) (EU POP) : Not applicable

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - PL  
(Commission Regulation (EU) 2020/878)



## OKS 8600

Version	Revision Date:	Date of last issue: 07.08.2019	Print Date:
1.3	30.08.2022	Date of first issue: 10.07.2016	30.08.2022

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

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

### Other regulations:

Act of 25 February 2011 on chemical substances and their mixtures (i.e. Journal of Laws of 2011, No. 0, item 1225)

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Official Journal of the European Union L 353 from 31.12.2008) with further adaptation to technical progress (ATP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (Official Journal of the European Union L 396 from 30.12.2006, as amended).

Commission Regulation (EU) 2020/878

Ordinance of the Minister of Health of 10 August 2012 concerning the criteria and procedure of classification of chemical substances and their mixtures (consolidated text Dz. U. of 2015., pos. 208).

Ordinance of the Minister of Economy, Labour and Social Policy of 21st December 2005 concerning the basic requirements for personal protective equipment (Dz. U. Nr. 259, item 2173).

Ordinance of the Minister of Labour and Social Policy of 12 June 2018 concerning the highest allowable concentrations and levels of the agents harmful for health in the workplace (Dz.U 2018 pos 1286, with later amendments).

Ordinance of the Minister of Health of 2nd February 2011 concerning tests and measurement of agents harmful for health in the workplace (Dz. U. Nr. 33, item 166 wraz z późn. zm.).

Ordinance of the Minister of Health of 30th December 2004 on the health and safety of workers related to chemical agents at work (Dz. U. from 2005, Nr. 11, item 86, as amended).

Act of 14 December 2012. on Waste (Journal of Laws of 2013. pos. 21, as amended).

Act of 13 June 2013. On packaging and packaging waste Journal. U. of 2013. Item. 888, as amended).

Ordinance of the Minister of Climate of 2nd January 2020 on Waste Catalog (Dz. U. 2020 item 10).

Ordinance of the Minister of Environment on the requirements for carrying out the process of thermal treatment of waste and how to deal with waste produced in the process. (Dz. U. of 2016., Pos. 108)

Act of 19 August 2011 on transport of dangerous goods (Dz. U. Nr. 227, item 1367, as amend-



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - PL  
(Commission Regulation (EU) 2020/878)



## OKS 8600

Version	Revision Date:	Date of last issue: 07.08.2019	Print Date:
1.3	30.08.2022	Date of first issue: 10.07.2016	30.08.2022

ed).

Government Statement of 18 February 2019 on enforcing of changes Annexes A and B of Agreement concerning international transport of dangerous goods by road (ADR) (Dz. U. 2019, item 769).

Ordinance of the Minister of Health of 20th April 2012 concerning labeling of containers of dangerous substances and dangerous mixtures and some mixtures ((consolidated text) Dz. U. z 2015 nr. 0 poz. 450).

Ordinance of the Minister of Health of 11th June 2012 concerning categories of dangerous substances and dangerous mixtures for which containers must be fitted with child-resistant fastenings and a tactile warning of danger (Dz. U. from 2012, item 688 as amended).

### 15.2 Chemical safety assessment

This information is not available.

## SECTION 16: Other information

### Full text of H-Statements

- H315 : Causes skin irritation.  
H361fd : Suspected of damaging fertility. Suspected of damaging the unborn child.  
H413 : May cause long lasting harmful effects to aquatic life.

### Full text of other abbreviations

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)

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 - PL  
(Commission Regulation (EU) 2020/878)



## OKS 8600

Version	Revision Date:	Date of last issue: 07.08.2019	Print Date:
1.3	30.08.2022	Date of first issue: 10.07.2016	30.08.2022

tative) 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

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.