

# SAFETY DATA SHEET

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



## OKS 472

Version 3.0	Revision Date: 28.04.2026	Date of last issue: 10.02.2025 Date of first issue: 13.06.2016	Print Date: 28.04.2026
----------------	------------------------------	---	---------------------------

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

### 1.1 Product identifier

Product name : OKS 472

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

Use of the Substance/Mixture : Grease

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  
Germany  
Tel.: +49 8142 3051-500  
info@oks-germany.com

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

National contact : Klüber Lubrication France S.A.S.  
Z.I. des Auréats, 10 à 16 Allée Ducretet  
26014 Valence Cedex  
France  
+33-4-75448426  
Fax: +33-4-75449336  
KLF.contact@fr.klueber.com

### 1.4 Emergency telephone number

Emergency telephone number : +33 1 45 42 59 59 ORFILA  
+33 1 72 11 00 03 NCEC  
+49 8142 3051 517

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

Long-term (chronic) aquatic hazard, Category 3 H412: Harmful to aquatic life with long lasting effects.

# SAFETY DATA SHEET

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



## OKS 472

Version	Revision Date:	Date of last issue: 10.02.2025	Print Date:
3.0	28.04.2026	Date of first issue: 13.06.2016	28.04.2026

### 2.2 Label elements

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

Hazard statements : H412 Harmful to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**  
P273 Avoid release to the environment.

### 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 : Synthetic hydrocarbon oil  
ester oil  
aluminium complex soap  
Mineral 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)
White mineral oil (petroleum)	8042-47-5 232-455-8  01-2119487078-27- XXXX	Asp. Tox. 1; H304		>= 1 - < 10
disodium sebacate	17265-14-4 241-300-3	Eye Irrit. 2; H319		>= 1 - < 10

# SAFETY DATA SHEET

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



## OKS 472

Version 3.0      Revision Date: 28.04.2026      Date of last issue: 10.02.2025      Print Date: 28.04.2026  
Date of first issue: 13.06.2016

	01-2120762063-61-XXXX			
N-methyl-N-[C18-(unsaturated)alkanoyl]glycine	701-177-3  01-2119488991-20-XXXX	Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 3; H412	M-Factor: 1/  ATE ATE (Inhalation): 1,37 mg/l	$\geq 0,25 - < 1$
2,6-di-tert-butyl-p-cresol	128-37-0 204-881-4  01-2119555270-46-XXXX	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	M-Factor: 1/1	$\geq 0,25 - < 1$

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.  
Keep patient warm and at rest.  
If unconscious, place in recovery position and seek medical advice.  
Keep respiratory tract clear.  
If breathing is irregular or stopped, administer artificial respiration.
- In case of skin contact : Remove contaminated clothing. If irritation develops, get medical attention.  
Wash off with soap and water.  
Wash clothing before reuse.  
Thoroughly clean shoes before reuse.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes.  
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 without medical advice.  
Rinse mouth with water.  
Never give anything by mouth to an unconscious person.

# SAFETY DATA SHEET

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



## OKS 472

Version	Revision Date:	Date of last issue: 10.02.2025	Print Date:
3.0	28.04.2026	Date of first issue: 13.06.2016	28.04.2026

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

Symptoms : No symptoms known or expected.

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

Treatment : Treat symptomatically.

---

## 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  
Oxides of phosphorus  
Metal oxides

### 5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Exposure to decomposition products may be a hazard to health.

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

---

## SECTION 6: Accidental release measures

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

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

### 6.2 Environmental precautions

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

# SAFETY DATA SHEET

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



## OKS 472

Version	Revision Date:	Date of last issue: 10.02.2025	Print Date:
3.0	28.04.2026	Date of first issue: 13.06.2016	28.04.2026

### 6.3 Methods and material for containment and cleaning up

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

### 6.4 Reference to other sections

For personal protection see section 8.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Wash hands and face before breaks and immediately after handling the product.  
Do not ingest.  
Do not repack.  
These safety instructions also apply to empty packaging which may still contain product residues.  
Keep container closed when not in use.

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

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

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

### 7.3 Specific end use(s)

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

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
2,6-di-tert-butyl-p-cresol	128-37-0	VME	10 mg/m <sup>3</sup>	FR VLE (2005-02-01)

# SAFETY DATA SHEET

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



## OKS 472

Version  
3.0

Revision Date:  
28.04.2026

Date of last issue: 10.02.2025  
Date of first issue: 13.06.2016

Print Date:  
28.04.2026

Further information: Permissible limit values (circular)

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

Substance name	End Use	Exposure routes	Potential health effects	Value
White mineral oil (petroleum)	Workers	Inhalation	Long-term systemic effects	164,56 mg/m <sup>3</sup>
	Workers	Skin contact	Long-term systemic effects	217,05 mg/kg
White mineral oil (petroleum)	Workers	Inhalation	Long-term systemic effects	164,56 mg/m <sup>3</sup>
	Workers	Dermal	Long-term systemic effects	217,05 mg/kg bw/day
disodium sebacate	Workers	Skin contact	Long-term systemic effects	10 mg/kg
	Workers	Inhalation	Long-term systemic effects	35,26 mg/m <sup>3</sup>
N-methyl-N-[C18-(unsaturated)alkanoyl]glycine	Workers	Inhalation	Long-term systemic effects	0,8 mg/m <sup>3</sup>
	Workers	Skin contact	Long-term systemic effects	4,2 mg/kg bw/day
2,6-di-tert-butyl-p-cresol	Workers	Inhalation	Long-term systemic effects	1,76 mg/m <sup>3</sup>
	Workers	Skin contact	Long-term systemic effects	0,5 mg/kg

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

Substance name	Environmental Compartment	Value
isopropyl oleate	Fresh water sediment	2,978 mg/kg
	Marine sediment	2,978 mg/kg
Aluminum, benzoate C16-18-fatty acids complexes	Fresh water	0,1 mg/l
	Marine water	0,01 mg/l
disodium sebacate	Fresh water	0,018 mg/l
	Marine water	0,002 mg/l
	Sewage treatment plant	10 mg/l
	Fresh water sediment	0,548 mg/kg
	Marine sediment	0,055 mg/kg
N-methyl-N-[C18-(unsaturated)alkanoyl]glycine	Soil	0,099 mg/kg
	Fresh water	0,00043 mg/l
	Marine water	0,000043 mg/l
2,6-di-tert-butyl-p-cresol	Microbiological Activity in Sewage Treatment Systems	1 mg/l
	Fresh water sediment	0,057 mg/kg
	Marine sediment	0,006 mg/kg
	Soil	1,71 mg/kg
	Fresh water	0,199 µg/l
2,6-di-tert-butyl-p-cresol	Marine water	0,02 µg/l
	Intermittent use/release	1,99 µg/l

# SAFETY DATA SHEET

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



## OKS 472

Version	Revision Date:	Date of last issue: 10.02.2025	Print Date:
3.0	28.04.2026	Date of first issue: 13.06.2016	28.04.2026

	Microbiological Activity in Sewage Treatment Systems	0,017 mg/l
	Fresh water sediment	0,458 mg/kg
	Marine sediment	0,046 mg/kg
	Soil	0,054 mg/kg

### 8.2 Exposure controls

#### Engineering measures

none

#### Personal protective equipment

Eye/face protection : Safety glasses

#### Hand protection

Material : Nitrile rubber

Break through time : > 10 min

Protective index : Class 1

Remarks : For prolonged or repeated contact use protective gloves. The break through time depends amongst other things on the material, the thickness and the type of glove and therefore has to be measured for each case.  
The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

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

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

Filter type : Filter type 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 : Should not be released into the environment.

Soil : Do not allow contact with soil, surface or ground water.  
The product should not be allowed to enter drains, water courses or the soil.

Water : Do not allow contact with soil, surface or ground water.  
The product should not be allowed to enter drains, water courses or the soil.

# SAFETY DATA SHEET

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



## OKS 472

Version	Revision Date:	Date of last issue: 10.02.2025	Print Date:
3.0	28.04.2026	Date of first issue: 13.06.2016	28.04.2026

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

Physical state : solid

Form : paste

Colour : white

Odour : characteristic

Odour Threshold : No data available

Melting point/ range : No data available

Boiling point/boiling range : No data available

Flammability : Flammability (solid, gas):  
Combustible Solids

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Flash point : Not applicable

Auto-ignition temperature : No data available

Decomposition temperature : No data available

pH : Not applicable

Viscosity  
Viscosity, dynamic : No data available

# SAFETY DATA SHEET

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



## OKS 472

Version 3.0	Revision Date: 28.04.2026	Date of last issue: 10.02.2025 Date of first issue: 13.06.2016	Print Date: 28.04.2026
----------------	------------------------------	---	---------------------------

---

Viscosity, kinematic : Not applicable

Solubility(ies)  
Water solubility : insoluble

Solubility in other solvents : No data available

Partition coefficient: n-  
octanol/water : No data available

Vapour pressure : < 0,001 hPa (20 °C)

Relative density : 0,9 (20 °C)  
Reference substance: Water  
The value is calculated

Density : 0,90 g/cm<sup>3</sup>  
(20 °C)

Bulk density : No data available

Relative vapour density : No data available

Particle characteristics  
Particle size : Not applicable

Particle Size Distribution : Not applicable

### 9.2 Other information

Explosives : Not explosive

Oxidizing properties : No data available

Self-ignition : No data available

Evaporation rate : No data available

# SAFETY DATA SHEET

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



## OKS 472

Version	Revision Date:	Date of last issue: 10.02.2025	Print Date:
3.0	28.04.2026	Date of first issue: 13.06.2016	28.04.2026

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.

## SECTION 11: Toxicological information

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

#### Acute toxicity

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

#### Product:

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

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

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

#### Components:

#### White mineral oil (petroleum):

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

# SAFETY DATA SHEET

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



## OKS 472

Version 3.0	Revision Date: 28.04.2026	Date of last issue: 10.02.2025 Date of first issue: 13.06.2016	Print Date: 28.04.2026
----------------	------------------------------	---	---------------------------

Acute inhalation toxicity : LC50 (Rat): > 5 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): > 2.000 mg/kg  
Method: OECD Test Guideline 402  
Assessment: The substance or mixture has no acute dermal toxicity

### **disodium sebacate:**

Acute oral toxicity : LD50 (Rat): > 5.000 mg/kg  
Method: OECD Test Guideline 401  
GLP: no

Acute dermal toxicity : LD50 (Rabbit): > 2.000 mg/kg  
Method: OECD Test Guideline 402  
GLP: yes  
Assessment: The substance or mixture has no acute dermal toxicity

### **N-methyl-N-[C18-(unsaturated)alkanoyl]glycine:**

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

Acute inhalation toxicity : LC50 (Rat, male and female): 1,37 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403

### **2,6-di-tert-butyl-p-cresol:**

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

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

### **Skin corrosion/irritation**

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

### **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 - FR



## OKS 472

Version	Revision Date:	Date of last issue: 10.02.2025	Print Date:
3.0	28.04.2026	Date of first issue: 13.06.2016	28.04.2026

### Components:

#### **White mineral oil (petroleum):**

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

#### **disodium sebacate:**

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

#### **N-methyl-N-[C18-(unsaturated)alkanoyl]glycine:**

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

#### **2,6-di-tert-butyl-p-cresol:**

Species : Rabbit  
Assessment : No skin irritation  
Result : No skin irritation

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

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

### Product:

Remarks : This information is not available.

### Components:

#### **White mineral oil (petroleum):**

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

#### **disodium sebacate:**

Species : Rabbit  
Assessment : Irritating to eyes.  
Method : OECD Test Guideline 437  
Result : Irritating to eyes.  
GLP : yes

# SAFETY DATA SHEET

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



## OKS 472

Version	Revision Date:	Date of last issue: 10.02.2025	Print Date:
3.0	28.04.2026	Date of first issue: 13.06.2016	28.04.2026

### **N-methyl-N-[C18-(unsaturated)alkanoyl]glycine:**

Species : Rabbit  
Assessment : Risk of serious damage to eyes.  
Result : Risk of serious damage to eyes.

### **2,6-di-tert-butyl-p-cresol:**

Species : Rabbit  
Assessment : No eye irritation  
Method : Draize Test  
Result : No eye irritation

### **Respiratory or skin sensitisation**

#### **Skin sensitisation**

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

#### **Respiratory sensitisation**

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

#### **Product:**

Remarks : This information is not available.

#### **Components:**

##### **White mineral oil (petroleum):**

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

##### **disodium sebacate:**

Species : Guinea pig  
Assessment : Did not cause sensitisation on laboratory animals.  
Result : Did not cause sensitisation on laboratory animals.

##### **N-methyl-N-[C18-(unsaturated)alkanoyl]glycine:**

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

##### **2,6-di-tert-butyl-p-cresol:**

Species : Humans  
Assessment : Does not cause skin sensitisation.

# SAFETY DATA SHEET

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



## OKS 472

Version 3.0	Revision Date: 28.04.2026	Date of last issue: 10.02.2025 Date of first issue: 13.06.2016	Print Date: 28.04.2026
----------------	------------------------------	---	---------------------------

Result : Does not cause skin sensitisation.

### **Germ cell mutagenicity**

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

#### **Product:**

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Remarks: No data available

#### **Components:**

##### **White mineral oil (petroleum):**

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

##### **disodium sebacate:**

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

##### **2,6-di-tert-butyl-p-cresol:**

Genotoxicity in vitro : Test Type: Ames test  
Result: negative  
Remarks: In vitro tests did not show mutagenic effects

Genotoxicity in vivo : Test Type: In vivo micronucleus test  
Result: negative

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

### **Carcinogenicity**

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

#### **Product:**

Remarks : No data available

#### **Components:**

##### **White mineral oil (petroleum):**

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

### **Reproductive toxicity**

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

#### **Product:**

Effects on fertility : Remarks: No data available

# SAFETY DATA SHEET

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



## OKS 472

Version 3.0	Revision Date: 28.04.2026	Date of last issue: 10.02.2025 Date of first issue: 13.06.2016	Print Date: 28.04.2026
----------------	------------------------------	---	---------------------------

Effects on foetal development : Remarks: No data available

### Components:

#### **White mineral oil (petroleum):**

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

#### **disodium sebacate:**

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

#### **2,6-di-tert-butyl-p-cresol:**

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

#### **STOT - single exposure**

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

#### Product:

Remarks : No data available

### Components:

#### **White mineral oil (petroleum):**

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

#### **STOT - repeated exposure**

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

#### Product:

Remarks : No data available

### Components:

#### **White mineral oil (petroleum):**

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

# SAFETY DATA SHEET

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



## OKS 472

Version	Revision Date:	Date of last issue: 10.02.2025	Print Date:
3.0	28.04.2026	Date of first issue: 13.06.2016	28.04.2026

---

### Repeated dose toxicity

**Product:**

Remarks : This information is not available.

### Aspiration toxicity

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

**Product:**

This information is not available.

### Components:

**White mineral oil (petroleum):**

May be fatal if swallowed and enters airways.

**disodium sebacate:**

No aspiration toxicity classification

**2,6-di-tert-butyl-p-cresol:**

No aspiration toxicity classification

## 11.2 Information on other hazards

### Endocrine disrupting properties

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

**Product:**

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

### Further information

**Product:**

Remarks : Information given is based on data on the components and the toxicology of similar products.

# SAFETY DATA SHEET

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



## OKS 472

Version 3.0	Revision Date: 28.04.2026	Date of last issue: 10.02.2025 Date of first issue: 13.06.2016	Print Date: 28.04.2026
----------------	------------------------------	---	---------------------------

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Product:

- Toxicity to fish : Remarks: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Toxicity to daphnia and other aquatic invertebrates : Remarks: No data available
- Toxicity to algae/aquatic plants : Remarks: No data available
- Toxicity to microorganisms : Remarks: No data available

#### Components:

##### **White mineral oil (petroleum):**

- Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l  
Exposure time: 96 h  
Test Type: semi-static test  
Method: OECD Test Guideline 203
- Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia magna (Water flea)): > 100 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202
- Toxicity to algae/aquatic plants : NOEC (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201
- Toxicity to microorganisms : LC50 (Bacteria): > 1.000 mg/l  
Exposure time: 40 h  
Test Type: Growth inhibition
- Toxicity to fish (Chronic toxicity) : NOEC: > 100 mg/l  
Exposure time: 28 d  
Species: Oncorhynchus mykiss (rainbow trout)  
Remarks: The value is given based on a SAR/AAR approach using OECD Toolbox, DEREK, VEGA QSAR models (CAESAR models), etc.
- Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: >= 1.000 mg/l  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)  
Remarks: The value is given based on a SAR/AAR approach using OECD Toolbox, DEREK, VEGA QSAR models

# SAFETY DATA SHEET

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



## OKS 472

Version	Revision Date:	Date of last issue: 10.02.2025	Print Date:
3.0	28.04.2026	Date of first issue: 13.06.2016	28.04.2026

(CAESAR models), etc.

### disodium sebacate:

- Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 100 mg/l  
Exposure time: 96 h  
Test Type: semi-static test  
Method: OECD Test Guideline 203  
GLP: yes
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l  
Exposure time: 48 h  
Test Type: semi-static test  
Method: OECD Test Guideline 202  
GLP: yes
- Toxicity to algae/aquatic plants : EL50 (Skeletonema costatum (marine diatom)): 38,7 mg/l  
Exposure time: 72 h  
Test Type: static test  
Method: ISO 10253  
GLP: yes

### N-methyl-N-[C18-(unsaturated)alkanoyl]glycine:

- Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 0,43 mg/l  
Exposure time: 96 h  
Test Type: flow-through test  
Method: OECD Test Guideline 203  
GLP: yes
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0,43 mg/l  
Exposure time: 48 h  
Test Type: static test  
Method: OECD Test Guideline 202  
GLP: yes
- Toxicity to algae/aquatic plants : EC50 (Desmodesmus subspicatus (green algae)): 6,3 mg/l  
Exposure time: 72 h  
Test Type: static test  
Method: OECD Test Guideline 201
- NOEC (Desmodesmus subspicatus (green algae)): 0,91 mg/l  
Exposure time: 72 h  
Test Type: static test  
Method: OECD Test Guideline 201
- M-Factor (Acute aquatic toxicity) : 1
- Toxicity to microorganisms : NOEC (activated sludge): 10 mg/l  
Exposure time: 3 h  
Test Type: static test

# SAFETY DATA SHEET

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



## OKS 472

Version 3.0	Revision Date: 28.04.2026	Date of last issue: 10.02.2025 Date of first issue: 13.06.2016	Print Date: 28.04.2026
----------------	------------------------------	---	---------------------------

Method: OECD Test Guideline 209

### Ecotoxicology Assessment

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

### 2,6-di-tert-butyl-p-cresol:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): 0,57 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 0,61 mg/l  
aquatic invertebrates : Exposure time: 48 h  
Method: OECD Test Guideline 202

Toxicity to algae/aquatic : EC50 (Desmodesmus subspicatus (green algae)): > 0,4 mg/l  
plants : Exposure time: 72 h  
Method: Regulation (EC) No. 440/2008, Annex, C.3

M-Factor (Acute aquatic : 1  
toxicity)

Toxicity to daphnia and other : NOEC: 0,316 mg/l  
aquatic invertebrates : Exposure time: 21 d  
(Chronic toxicity) : Species: Daphnia magna (Water flea)

M-Factor (Chronic aquatic : 1  
toxicity)

## 12.2 Persistence and degradability

### Product:

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

### Components:

#### White mineral oil (petroleum):

Biodegradability : Biodegradation: 31 %  
Exposure time: 28 d

#### disodium sebacate:

Biodegradability : Result: Biodegradable  
Biodegradation: 89 %  
Exposure time: 28 d

# SAFETY DATA SHEET

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



## OKS 472

Version 3.0	Revision Date: 28.04.2026	Date of last issue: 10.02.2025 Date of first issue: 13.06.2016	Print Date: 28.04.2026
----------------	------------------------------	---	---------------------------

### **N-methyl-N-[C18-(unsaturated)alkanoyl]glycine:**

Biodegradability : Test Type: aerobic  
Inoculum: activated sludge  
Result: rapidly biodegradable  
Biodegradation: 85,2 %  
Exposure time: 28 d

### **2,6-di-tert-butyl-p-cresol:**

Biodegradability : Test Type: aerobic  
Inoculum: activated sludge  
Result: Not rapidly biodegradable  
Biodegradation: 4,5 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301C

## 12.3 Bioaccumulative potential

### **Product:**

Bioaccumulation : Remarks: No data available

### **Components:**

#### **White mineral oil (petroleum):**

Partition coefficient: n-  
octanol/water : log Pow: > 6

#### **disodium sebacate:**

Partition coefficient: n-  
octanol/water : log Pow: -4,9 (20 °C)  
pH: 7,8

#### **N-methyl-N-[C18-(unsaturated)alkanoyl]glycine:**

Partition coefficient: n-  
octanol/water : log Pow: 6,83

#### **2,6-di-tert-butyl-p-cresol:**

Bioaccumulation : Bioconcentration factor (BCF): 598,4

Partition coefficient: n-  
octanol/water : log Pow: 5,1

## 12.4 Mobility in soil

### **Product:**

Mobility : Remarks: No data available

# SAFETY DATA SHEET

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



## OKS 472

Version 3.0	Revision Date: 28.04.2026	Date of last issue: 10.02.2025 Date of first issue: 13.06.2016	Print Date: 28.04.2026
----------------	------------------------------	---	---------------------------

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:

##### **White mineral oil (petroleum):**

Assessment : Not persistent, bioaccumulative, and toxic (PBT).

##### **2,6-di-tert-butyl-p-cresol:**

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

### 12.7 Other adverse effects

#### Product:

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

---

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

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

# SAFETY DATA SHEET

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



## OKS 472

Version 3.0	Revision Date: 28.04.2026	Date of last issue: 10.02.2025 Date of first issue: 13.06.2016	Print Date: 28.04.2026
----------------	------------------------------	---	---------------------------

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

The following Waste Codes are only suggestions:

Waste Code : used product, unused product  
12 01 12\*, spent waxes and fats  
  
uncleaned packagings  
15 01 10\*, packaging containing residues of or contaminated by hazardous substances

## SECTION 14: Transport information

### 14.1 UN number or ID number

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

### 14.2 UN proper shipping name

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

### 14.3 Transport hazard class(es)

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

### 14.4 Packing group

ADN : Not regulated as a dangerous good

# SAFETY DATA SHEET

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



## OKS 472

Version 3.0	Revision Date: 28.04.2026	Date of last issue: 10.02.2025 Date of first issue: 13.06.2016	Print Date: 28.04.2026
----------------	------------------------------	---	---------------------------

**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) : Conditions of restriction for the following entries should be considered:  
Number on list 40  
This substance/mixture shall not be used in aerosol dispensers intended for supply to the general public for entertainment and decorative purposes.

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).

Regulation (EU) No 2024/590 on substances that deplete the ozone layer (EC 2024/590) : Not applicable

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

# SAFETY DATA SHEET

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



## OKS 472

Version	Revision Date:	Date of last issue: 10.02.2025	Print Date:
3.0	28.04.2026	Date of first issue: 13.06.2016	28.04.2026

Regulation (EU) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals (EU PIC) : Not applicable

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

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. : Not applicable

Installations classified for the protection of the environment (Environment Code R511-9) : Not applicable

Occupational Illnesses (R-461-3, France) : 36

Reinforced medical supervision (R4624-23) : The product has no CMR properties category 1, 1A or 1B

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: < 0,01 %

### 15.2 Chemical safety assessment

This information is not available.

# SAFETY DATA SHEET

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



## OKS 472

Version	Revision Date:	Date of last issue: 10.02.2025	Print Date:
3.0	28.04.2026	Date of first issue: 13.06.2016	28.04.2026

### SECTION 16: Other information

#### Full text of H-Statements

H304 : May be fatal if swallowed and enters airways.  
H315 : Causes skin irritation.  
H318 : Causes serious eye damage.  
H319 : Causes serious eye irritation.  
H332 : Harmful if inhaled.  
H400 : Very toxic to aquatic life.  
H410 : Very toxic to aquatic life with long lasting effects.  
H412 : Harmful to aquatic life with long lasting effects.

#### Full text of other abbreviations

Acute Tox. : Acute toxicity  
Aquatic Acute : Short-term (acute) aquatic hazard  
Aquatic Chronic : Long-term (chronic) aquatic hazard  
Asp. Tox. : Aspiration hazard  
Eye Dam. : Serious eye damage  
Eye Irrit. : Eye irritation  
Skin Irrit. : Skin irritation  
FR VLE : France. Occupational Exposure Limits  
FR VLE / VME : Time Weighted Average

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonised 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 Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; 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 - Organisation 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 -

# SAFETY DATA SHEET

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



## OKS 472

Version	Revision Date:	Date of last issue: 10.02.2025	Print Date:
3.0	28.04.2026	Date of first issue: 13.06.2016	28.04.2026

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

#### Classification of the mixture:

Aquatic Chronic 3                      H412

#### Classification procedure:

Calculation method

|| 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.