

# SAFETY DATA SHEET

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



## OKS 3751

Version	Revision Date:	Date of last issue: 06.09.2024	Print Date:
2.0	21.04.2026	Date of first issue: 29.06.2016	22.04.2026

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

### 1.1 Product identifier

Product name : OKS 3751

### 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  
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 Deutschland GmbH & Co. KG  
Geisenhausenerstraße 7  
81379 München  
Germany  
Tel.: +49 (0) 89 7876 0  
customer.service.de@klueber.com

### 1.4 Emergency telephone number

Emergency telephone number : +49 8142 3051 517

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

Aerosols, Category 1

H222: Extremely flammable aerosol.

H229: Pressurised container: May burst if heated.

### 2.2 Label elements

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


# SAFETY DATA SHEET

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



## OKS 3751

Version	Revision Date:	Date of last issue: 06.09.2024	Print Date:
2.0	21.04.2026	Date of first issue: 29.06.2016	22.04.2026

Hazard pictograms : 

Signal word : Danger

Hazard statements : H222 Extremely flammable aerosol.  
H229 Pressurised container: May burst if heated.

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.  
**Storage:**  
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

### 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 : Propellant  
Synthetic hydrocarbon oil  
PTFE

#### Components

Chemical name	CAS-No. EC-No. Index-No.	Classification	specific concentration limit M-Factor	Concentration (% w/w)

# SAFETY DATA SHEET

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



## OKS 3751

Version  
2.0

Revision Date:  
21.04.2026

Date of last issue: 06.09.2024  
Date of first issue: 29.06.2016

Print Date:  
22.04.2026

	Registration number		Notes Acute toxicity estimate	
O,O,O-triphenyl phosphorothioate	597-82-0 209-909-9  01-2119979545-21-XXXX	Aquatic Chronic 1; H410 PBT; EUH440	M-Factor: /10	$\geq 0,0025 - < 0,025$
Substances with a workplace exposure limit :				
butane	106-97-8 203-448-7  601-004-00-0 01-2119474691-32-XXXX	Flam. Gas 1; H220 Press. Gas Compr. Gas; H280	Note U (Table 3), Note C, Note S	$\geq 30 - < 50$
1-Dodecene, polymer with 1-octene, hydrogenated	605-316-8	Not classified		$\geq 10 - < 20$
propane	74-98-6 200-827-9  601-003-00-5 01-2119486944-21-XXXX	Flam. Gas 1A; H220 Press. Gas Compr. Gas; H280	Note U (Table 3)	$\geq 1 - < 10$
isobutane	75-28-5 200-857-2  601-004-00-0 01-2119485395-27-XXXX	Flam. Gas 1A; H220 Press. Gas Compr. Gas; H280	Note U (Table 3), Note C	$\geq 1 - < 10$
Ethylene, tetrafluoro-, polymer	9002-84-0 618-337-2	Not classified		$\geq 1 - < 10$

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.  
Keep patient warm and at rest.  
If unconscious, place in recovery position and seek medical advice.  
Keep respiratory tract clear.

# SAFETY DATA SHEET

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



## OKS 3751

Version	Revision Date:	Date of last issue: 06.09.2024	Print Date:
2.0	21.04.2026	Date of first issue: 29.06.2016	22.04.2026

- 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 plenty of 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.  
Keep respiratory tract clear.  
Do NOT induce vomiting.  
Rinse mouth with water.

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

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

### 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  
Halogenated compounds

# SAFETY DATA SHEET

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



## OKS 3751

Version	Revision Date:	Date of last issue: 06.09.2024	Print Date:
2.0	21.04.2026	Date of first issue: 29.06.2016	22.04.2026

### 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.

## 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. 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.

# SAFETY DATA SHEET

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



## OKS 3751

Version 2.0	Revision Date: 21.04.2026	Date of last issue: 06.09.2024 Date of first issue: 29.06.2016	Print Date: 22.04.2026
----------------	------------------------------	---	---------------------------

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.  
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.

Storage class (TRGS 510) : 2B, Aerosol cans and lighters

### 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
butane	106-97-8	AGW	1.000 ppm 2.400 mg/m <sup>3</sup>	DE TRGS 900 (2006-01-01)
		Peak-limit: excursion factor (category): 4;(II)		
		MAK	1.000 ppm 2.400 mg/m <sup>3</sup>	DE DFG MAK (2023-07-01)
		Peak-limit: excursion factor (category): 4; II		
		Further information: Either there are no data for an assessment of damage to		

# SAFETY DATA SHEET

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



## OKS 3751

Version 2.0      Revision Date: 21.04.2026      Date of last issue: 06.09.2024      Print Date: 22.04.2026  
Date of first issue: 29.06.2016

	the embryo or foetus, including developmental neurotoxicity, or the currently available data are not sufficient for classification in one of the groups A - C			
1-Dodecene, polymer with 1-octene, hydrogenated	Not Assigned	AGW (Alveolate fraction)	5 mg/m <sup>3</sup>	DE TRGS 900 (2012-01-12)
Peak-limit: excursion factor (category): 4;(II)				
Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child				
		MAK (measured as the alveolate fraction)	5 mg/m <sup>3</sup>	DE DFG MAK (2023-07-01)
Peak-limit: excursion factor (category): 4; II				
Further information: Damage to the embryo or foetus is unlikely when the MAK value or the BAT value is observed				
propane	74-98-6	MAK	1.000 ppm 1.800 mg/m <sup>3</sup>	DE DFG MAK (2023-07-01)
Peak-limit: excursion factor (category): 4; II				
Further information: Either there are no data for an assessment of damage to the embryo or foetus, including developmental neurotoxicity, or the currently available data are not sufficient for classification in one of the groups A - C				
		AGW	1.000 ppm 1.800 mg/m <sup>3</sup>	DE TRGS 900 (2006-01-01)
Peak-limit: excursion factor (category): 4;(II)				
isobutane	75-28-5	AGW	1.000 ppm 2.400 mg/m <sup>3</sup>	DE TRGS 900 (2006-01-01)
Peak-limit: excursion factor (category): 4;(II)				
		MAK	1.000 ppm 2.400 mg/m <sup>3</sup>	DE DFG MAK (2023-07-01)
Peak-limit: excursion factor (category): 4; II				
Further information: Either there are no data for an assessment of damage to the embryo or foetus, including developmental neurotoxicity, or the currently available data are not sufficient for classification in one of the groups A - C				
Ethylene, tetrafluoro-, polymer	9002-84-0	MAK (measured as the alveolate fraction)	0,3 mg/m <sup>3</sup>	DE DFG MAK (2024-07-01)
Peak-limit: excursion factor (category): 8; II				
Further information: Substances that cause cancer in humans or animals or that are considered to be carcinogenic for humans and for which a MAK value can be derived., Damage to the embryo or foetus is unlikely when the MAK value or the BAT value is observed				
		MAK (inhalable fraction)	4 mg/m <sup>3</sup>	DE DFG MAK (2024-07-01)
Peak-limit: excursion factor (category): 8; II				
Further information: Substances that cause cancer in humans or animals or that are considered to be carcinogenic for humans and for which a MAK value can be derived., Damage to the embryo or foetus is unlikely when the MAK value or the BAT value is observed				

# SAFETY DATA SHEET

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



## OKS 3751

Version 2.0      Revision Date: 21.04.2026      Date of last issue: 06.09.2024      Print Date: 22.04.2026  
Date of first issue: 29.06.2016

		BM (Alveolar dust fraction)	0,5 mg/m <sup>3</sup>	DE TRGS 527 (2020-02-19)
O,O,O-triphenyl phosphorothioate	597-82-0	MAK (inhalable fraction)	20 mg/m <sup>3</sup>	DE DFG MAK (2023-07-01)
Peak-limit: excursion factor (category): 2; II				
Further information: Either there are no data for an assessment of damage to the embryo or foetus, including developmental neurotoxicity, or the currently available data are not sufficient for classification in one of the groups A - C				
		AGW (Inhalable fraction)	20 mg/m <sup>3</sup>	DE TRGS 900 (2021-07-02)
Peak-limit: excursion factor (category): 2;(II)				

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

Substance name	End Use	Exposure routes	Potential health effects	Value
O,O,O-triphenyl phosphorothioate	Workers	Inhalation	Long-term systemic effects	1,39 mg/m <sup>3</sup>
	Workers	Skin contact	Long-term systemic effects	0,4 mg/kg

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

Substance name	Environmental Compartment	Value
O,O,O-triphenyl phosphorothioate	Fresh water	0,00017 mg/l
	Marine water	0,000017 mg/l
	Fresh water sediment	3,47 mg/kg
	Marine sediment	0,347 mg/kg
	Soil	2,46 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 : Fluorinated 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

# SAFETY DATA SHEET

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



## OKS 3751

Version 2.0	Revision Date: 21.04.2026	Date of last issue: 06.09.2024 Date of first issue: 29.06.2016	Print Date: 22.04.2026
----------------	------------------------------	---	---------------------------

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 : Respirator with combination filter for vapour/particulate (EN 141)  
Short term only

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

Filter type : ABEK-P3-filter

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 : white, beige

Odour : characteristic

Odour Threshold : No data available

Melting point/ range : No data available

Boiling point/boiling range : No data available

# SAFETY DATA SHEET

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



## OKS 3751

Version 2.0	Revision Date: 21.04.2026	Date of last issue: 06.09.2024 Date of first issue: 29.06.2016	Print Date: 22.04.2026
----------------	------------------------------	---	---------------------------

Flammability : Flammability (solid, gas):  
Extremely flammable aerosol.

Upper explosion limit / Upper  
flammability limit : 10,9 %(V)

Lower explosion limit / Lower  
flammability limit : 1,5 %(V)

Flash point : -97 °C  
Method: Abel-Pensky

Auto-ignition temperature : No data available

Decomposition temperature : No data available

pH : Not applicable  
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 : 0,68 (20 °C)  
Reference substance: Water  
The value is calculated

Density : 0,68 g/cm<sup>3</sup>

# SAFETY DATA SHEET

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



## OKS 3751

Version 2.0	Revision Date: 21.04.2026	Date of last issue: 06.09.2024 Date of first issue: 29.06.2016	Print Date: 22.04.2026
----------------	------------------------------	---	---------------------------

(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 : not auto-flammable

Metal corrosion rate : Not corrosive to metals

Evaporation rate : No data available

Sublimation point : No data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No hazards to be specially mentioned.

### 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

# SAFETY DATA SHEET

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



## OKS 3751

Version	Revision Date:	Date of last issue: 06.09.2024	Print Date:
2.0	21.04.2026	Date of first issue: 29.06.2016	22.04.2026

### 10.6 Hazardous decomposition products

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

## SECTION 11: Toxicological information

### 11.1 Information on 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 : Symptoms: Inhalation may provoke the following symptoms:,  
Respiratory disorder

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

#### Components:

##### **O,O,O-triphenyl phosphorothioate:**

Acute oral toxicity : LD50 (Rat): > 10.000 mg/kg  
Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 (Rat): > 2.000 mg/kg  
Method: OECD Test Guideline 402  
Assessment: The substance or mixture has no acute dermal toxicity  
Remarks: No mortality observed at this dose.

##### **butane:**

Acute inhalation toxicity : LC50 (Rat): 658 mg/l  
Exposure time: 4 h  
Test atmosphere: gas

##### **1-Dodecene, polymer with 1-octene, hydrogenated:**

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

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

##### **isobutane:**

# SAFETY DATA SHEET

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



## OKS 3751

Version	Revision Date:	Date of last issue: 06.09.2024	Print Date:
2.0	21.04.2026	Date of first issue: 29.06.2016	22.04.2026

Acute inhalation toxicity : LC50 (Rat): 658 mg/l  
Exposure time: 4 h  
Test atmosphere: gas

### Ethylene, tetrafluoro-, polymer:

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

### Skin corrosion/irritation

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

### Product:

Remarks : This information is not available.

### Components:

#### O,O,O-triphenyl phosphorothioate:

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

#### 1-Dodecene, polymer with 1-octene, hydrogenated:

Assessment : No skin irritation  
Result : No skin irritation

### Ethylene, tetrafluoro-, polymer:

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 : Contact with eyes may cause irritation.

### Components:

#### O,O,O-triphenyl phosphorothioate:

Species : Rabbit  
Assessment : No eye irritation  
Result : No eye irritation

#### 1-Dodecene, polymer with 1-octene, hydrogenated:

Assessment : No eye irritation  
Result : No eye irritation

# SAFETY DATA SHEET

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



## OKS 3751

Version	Revision Date:	Date of last issue: 06.09.2024	Print Date:
2.0	21.04.2026	Date of first issue: 29.06.2016	22.04.2026

### Ethylene, tetrafluoro-, polymer:

Species : Rabbit  
Assessment : No eye irritation  
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:

##### **O,O,O-triphenyl phosphorothioate:**

Assessment : Does not cause skin sensitisation.

### 1-Dodecene, polymer with 1-octene, hydrogenated:

Assessment : Does not cause skin sensitisation.  
Result : Does not cause skin sensitisation.

### Ethylene, tetrafluoro-, polymer:

Assessment : Did not cause sensitisation on laboratory animals.  
Result : Did not cause sensitisation on laboratory animals.

### 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:

##### **O,O,O-triphenyl phosphorothioate:**

Germ cell mutagenicity-  
Assessment : Animal testing did not show any mutagenic effects.

### Carcinogenicity

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 - DE



## OKS 3751

Version 2.0	Revision Date: 21.04.2026	Date of last issue: 06.09.2024 Date of first issue: 29.06.2016	Print Date: 22.04.2026
----------------	------------------------------	---	---------------------------

### Components:

#### **Ethylene, tetrafluoro-, polymer:**

Carcinogenicity - Assessment : Not classifiable as a human carcinogen.

#### **Reproductive toxicity**

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

### Product:

Effects on fertility : Remarks: No data available

Effects on foetal development : Remarks: No data available

### Components:

#### **O,O,O-triphenyl phosphorothioate:**

Reproductive toxicity - Assessment : - Fertility -  
Animal testing did not show any effects on fertility.

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

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

### Product:

Remarks : No data available

### Components:

#### **Ethylene, tetrafluoro-, polymer:**

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:

#### **Ethylene, tetrafluoro-, polymer:**

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 - DE



## OKS 3751

Version 2.0	Revision Date: 21.04.2026	Date of last issue: 06.09.2024 Date of first issue: 29.06.2016	Print Date: 22.04.2026
----------------	------------------------------	---	---------------------------

### 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:

**1-Dodecene, polymer with 1-octene, hydrogenated:**

No aspiration toxicity classification

**Ethylene, tetrafluoro-, polymer:**

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.

---

## 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

# SAFETY DATA SHEET

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



## OKS 3751

Version	Revision Date:	Date of last issue: 06.09.2024	Print Date:
2.0	21.04.2026	Date of first issue: 29.06.2016	22.04.2026

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

Toxicity to microorganisms :  
Remarks: No data available

### Components:

#### **O,O,O-triphenyl phosphorothioate:**

Toxicity to fish	:	LC50 (Brachydanio rerio (zebrafish)): > 100 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h Test Type: Immobilization Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	:	EC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
Toxicity to microorganisms	:	EC50 (activated sludge): > 100 mg/l Exposure time: 3 h Method: OECD Test Guideline 209
Toxicity to fish (Chronic toxicity)	:	NOEC: 0,0017 mg/l Exposure time: 97 d Species: Oncorhynchus mykiss (rainbow trout) Test Type: flow-through test Method: OECD Test Guideline 210
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	NOEC: 0,00724 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea) Test Type: semi-static test Method: OECD Test Guideline 211
M-Factor (Chronic aquatic toxicity)	:	10

## 12.2 Persistence and degradability

### Product:

Biodegradability : Remarks: No data available

Physico-chemical removability : Remarks: No data available

# SAFETY DATA SHEET

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



## OKS 3751

Version	Revision Date:	Date of last issue: 06.09.2024	Print Date:
2.0	21.04.2026	Date of first issue: 29.06.2016	22.04.2026

### Components:

#### **O,O,O-triphenyl phosphorothioate:**

Biodegradability : Result: Not rapidly biodegradable

#### **1-Dodecene, polymer with 1-octene, hydrogenated:**

Biodegradability : Result: Not readily biodegradable.

### 12.3 Bioaccumulative potential

#### Product:

Bioaccumulation : Remarks: No data available

### Components:

#### **O,O,O-triphenyl phosphorothioate:**

Bioaccumulation : Species: Cyprinus carpio (Carp)  
Exposure time: 56 d  
Bioconcentration factor (BCF): 2.551

Partition coefficient: n-octanol/water : log Pow: 5,1 (20 °C)

#### **butane:**

Partition coefficient: n-octanol/water : log Pow: 2,89  
Method: OECD Test Guideline 107

#### **propane:**

Partition coefficient: n-octanol/water : log Pow: 2,36

#### **isobutane:**

Partition coefficient: n-octanol/water : log Pow: 2,88  
Method: OECD Test Guideline 107

### 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:

# SAFETY DATA SHEET

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



## OKS 3751

Version 2.0	Revision Date: 21.04.2026	Date of last issue: 06.09.2024 Date of first issue: 29.06.2016	Print Date: 22.04.2026
----------------	------------------------------	---	---------------------------

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:

#### **O,O,O-triphenyl phosphorothioate:**

Assessment : PBT substance  
Not very persistent and very bioaccumulative (vPvB).

#### **1-Dodecene, polymer with 1-octene, hydrogenated:**

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

#### **Ethylene, tetrafluoro-, polymer:**

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.

## 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.

# SAFETY DATA SHEET

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



## OKS 3751

Version 2.0	Revision Date: 21.04.2026	Date of last issue: 06.09.2024 Date of first issue: 29.06.2016	Print Date: 22.04.2026
----------------	------------------------------	---	---------------------------

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

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

### 14.2 UN proper shipping name

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

### 14.3 Transport hazard class(es)

	Class	Subsidiary risks
ADN	: 2	2.1
ADR	: 2	2.1
RID	: 2	2.1
IMDG	: 2.1	
IATA	: 2.1	

### 14.4 Packing group

ADN  
Packing group : Not assigned by regulation  
Classification Code : 5F  
Labels : 2.1

ADR  
Packing group : Not assigned by regulation  
Classification Code : 5F

# SAFETY DATA SHEET

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



## OKS 3751

Version	Revision Date:	Date of last issue: 06.09.2024	Print Date:
2.0	21.04.2026	Date of first issue: 29.06.2016	22.04.2026

Labels : 2.1  
Tunnel restriction code : (D)

### RID

Packing group : Not assigned by regulation  
Classification Code : 5F  
Hazard Identification Number : 23  
Labels : 2.1

### IMDG

Packing group : Not assigned by regulation  
Labels : 2.1  
EmS Code : F-D, S-U

### IATA (Cargo)

Packing instruction (cargo aircraft) : 203  
Packing instruction (LQ) : Y203  
Packing group : Not assigned by regulation  
Labels : Flammable Gas

### IATA (Passenger)

Packing instruction (passenger aircraft) : 203  
Packing instruction (LQ) : Y203  
Packing group : Not assigned by regulation  
Labels : Flammable Gas

## 14.5 Environmental hazards

### ADN

Environmentally hazardous : no

### ADR

Environmentally hazardous : no

### RID

Environmentally hazardous : no

### IMDG

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 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.

# SAFETY DATA SHEET

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



## OKS 3751

Version	Revision Date:	Date of last issue: 06.09.2024	Print Date:
2.0	21.04.2026	Date of first issue: 29.06.2016	22.04.2026

### 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.  
  
Number on list 78:  
Polymers of vinyl chloride or of other halogenated olefins, in primary forms  
  
synthetic polymer microparticles (SPM) content: 1,5 %  
The synthetic polymer microparticles supplied is subject to conditions laid down by entry 78 of Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council
- 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
- 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) : Not applicable

# SAFETY DATA SHEET

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



## OKS 3751

Version	Revision Date:	Date of last issue: 06.09.2024	Print Date:
2.0	21.04.2026	Date of first issue: 29.06.2016	22.04.2026

(EU. REACH-Annex XIV)

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.      P3a      FLAMMABLE AEROSOLS

18      Liquefied flammable gases (including LPG) and natural gas

Water hazard class (Germany) : WGK 2 obviously hazardous to water  
Classification according to AwSV, Annex 1 (5.2)

TA Luft List (Germany) : 5.2.1: Total dust:  
others: 2,01 %  
5.2.5: Organic Substances:  
Class 1: 46,01 %

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: 50 %

### Other regulations:

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

### 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 - DE



## OKS 3751

Version	Revision Date:	Date of last issue: 06.09.2024	Print Date:
2.0	21.04.2026	Date of first issue: 29.06.2016	22.04.2026

### SECTION 16: Other information

#### Full text of H-Statements

EUH440 : Accumulates in the environment and living organisms including in humans.  
H220 : Extremely flammable gas.  
H280 : Contains gas under pressure; may explode if heated.  
H410 : Very toxic to aquatic life with long lasting effects.

#### Full text of other abbreviations

Aquatic Chronic : Long-term (chronic) aquatic hazard  
Flam. Gas : Flammable gases  
Note C : Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.  
Note S : This substance may not require a label according to Article 17 (see Section 1.3 of Annex I) (Table 3).  
Note U (Table 3) : When put on the market gases have to be classified as "Gases under pressure", in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case. The following codes are assigned: Press. Gas (Comp.) Press. Gas (Liq.) Press. Gas (Ref. Liq.) Press. Gas (Diss.) Aerosols shall not be classified as gases under pressure (See Annex I, Part 2, Section 2.3.2.1, Note 2).  
PBT : Persistent, bioaccumulative and toxic  
Press. Gas : Gases under pressure  
DE DFG MAK : Germany. MAK BAT Annex IIa  
DE TRGS 527 : Germany. TRGS 527 - Activities with nanomaterials  
DE TRGS 900 : Germany. TRGS 900 - Occupational exposure limit values.  
DE DFG MAK / MAK : MAK value  
DE TRGS 527 / BM : Assessment scale  
DE TRGS 900 / AGW : Time Weighted Average

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

# SAFETY DATA SHEET

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



## OKS 3751

Version	Revision Date:	Date of last issue: 06.09.2024	Print Date:
2.0	21.04.2026	Date of first issue: 29.06.2016	22.04.2026

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 - 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:

Aerosol 1

H222, H229

#### Classification procedure:

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.