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

1.1	Product identifier Product name	:	OKS 416
1.2	Relevant identified uses of the	ne s	ubstance 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	saf	ety data sheet
	Company	:	OKS Spezialschmierstoffe GmbH Ganghoferstr. 47 82216 Maisach-Gernlinden Deutschland Tel.: +49 8142 3051 500 Fax: +49 8142 3051 599 info@oks-germany.com
	E-mail address of person responsible for the SDS	:	mcm@oks-germany.com
	National contact	:	
1.4	Emergency telephone number	er	
	Emergency telephone	:	+33 1 45 42 59 59 ORFILA
	number		+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)

Not a hazardous substance or mixture.





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#### 2.2 Label elements

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

Not a hazardous substance or mixture.

#### 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 Mineral oil. lithium soap
<b>Components</b> Remarks	: No hazardous ingredients

## **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 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.





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In ca	se of eye contact	:	Rinse immediately with plenty of w for at least 10 minutes. If eye irritation persists, consult a s	
If sw	allowed	:	Move the victim to fresh air. Do not induce vomiting without me	dical advice.
4.2 Most	important symptoms a	nd e	ffects, both acute and delayed	
Sym	ptoms	:	No symptoms known or expected.	
4.3 Indica	ation of any immediate	med	lical attention and special treatme	ent needed
	tment	:	Treat symptomatically.	
	N 5: Firefighting mea		95	
SECTIO	N 5: Firefighting mea guishing media able extinguishing media uitable extinguishing ia		<b>es</b> Use water spray, alcohol-resistant carbon dioxide. High volume water jet	foam, dry chemical or
SECTIO 5.1 Extin Suita Unsu medi	guishing media able extinguishing media uitable extinguishing ia	:	Use water spray, alcohol-resistant carbon dioxide. High volume water jet	foam, dry chemical or
SECTIO 5.1 Exting Suita Unsu medi 5.2 Speci	guishing media able extinguishing media uitable extinguishing ia ial hazards arising from ardous combustion	:	Use water spray, alcohol-resistant carbon dioxide. High volume water jet	foam, dry chemical or
SECTIO 5.1 Extin Suita Unsu medi 5.2 Speci Haza prode	guishing media able extinguishing media uitable extinguishing ia ial hazards arising from ardous combustion	:	Use water spray, alcohol-resistant carbon dioxide. High volume water jet <b>substance or mixture</b> Carbon oxides Nitrogen oxides (NOx) Sulphur oxides	foam, dry chemical or
SECTIO 5.1 Exting Suita Unsu medi 5.2 Speci Haza prode 5.3 Advic Speci	guishing media able extinguishing media uitable extinguishing ia ial hazards arising from ardous combustion ucts	: : n the :	Use water spray, alcohol-resistant carbon dioxide. High volume water jet <b>substance or mixture</b> Carbon oxides Nitrogen oxides (NOx) Sulphur oxides	ined breathing apparatus. t. Exposure to

# **SECTION 6: Accidental release measures**

6.1 Personal precautions, protective equipment and emergency procedures				
Personal precautions	<ul> <li>Evacuate personnel to safe areas.</li> <li>Do not breathe vapours, aerosols.</li> <li>Refer to protective measures listed in sections 7 and 8.</li> </ul>			





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#### 6.2 Environmental precautions

courses Local a	prevent the material from entering drains or water s. uthorities should be advised if significant spillages be contained.
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#### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up	: Pick up and transfer to properly labelled containers.
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#### 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 :	For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Wash hands and face before breaks and immediately after handling the product.
Hygiene measures :	Wash face, hands and any exposed skin thoroughly after handling.
7.2 Conditions for safe storage, incl	uding 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**

Contains no substances with occupational exposure limit values.

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



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



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Substance name	End Use	Exposure routes	Potential health effects	Value
White mineral oil (petroleum)	Workers	Inhalation	Long-term systemic effects	164,56 mg/m3
	Workers	Skin contact	Long-term systemic effects	217,05 mg/kg
Distillates (petroleum), solvent- dewaxed heavy paraffinic; Baseoil — unspecified	Workers	Inhalation	Long-term systemic effects	2,73 mg/m3
	Workers	Skin contact	Long-term systemic effects	0,97 mg/kg
1,3,4-Thiadiazolidine- 2,5-dithione, reaction products with hydrogen peroxide and tert- dodecanethiol	Workers	Inhalation		4,408 mg/m3
	Workers	Dermal		6,25 mg/kg bw/day

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

Substance name	Environmental Compartment	Value
bis(2-ethylhexyl) sebacate	Soil	0,865 mg/kg
Distillates (petroleum), solvent- dewaxed heavy paraffinic; Baseoil — unspecified	Oral	9,33 mg/kg
1,3,4-Thiadiazolidine-2,5- dithione, reaction products with hydrogen peroxide and tert- dodecanethiol	Fresh water	0,041 mg/l
	Marine water	0,0041 mg/l
	Fresh water sediment	380,62 mg/kg
	Marine sediment	38,06 mg/kg
	Sewage treatment plant	8000 mg/l
	Soil	308,98 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





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R	emarks	:	For prolonged or repeated contact break through time depends amone material, the thickness and the type has to be measured for each cases The selected protective gloves has specifications of Regulation (EU) of EN 374 derived from it.	ngst other things on the be of glove and therefore e. ve to satisfy the
Skin	and body protection	:	Choose body protection in relation concentration and amount of dang the specific work-place.	
Resp	iratory protection	:	Not required; except in case of ae	erosol formation.
Fi	lter type	:	Filter type P	
Prote	Protective measures :		The type of protective equipment to the concentration and amount of at the specific workplace.	
Envii	ronmental exposure	contro	bls	
Air		:	No special environmental precaut	ions required.
Soil		:		
			The product should not be allowed courses or the soil.	d to enter drains, water
Wate	r	:		
			The product should not be allowed courses or the soil.	d to enter drains, water

# **SECTION 9: Physical and chemical properties**

## 9.1 Information on basic physical and chemical properties

Physical state	:	paste
Colour	:	yellow
Odour	:	characteristic
Odour Threshold	:	No data available



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



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	Melting	point/ range	:	No data available	
	Boiling	point/boiling range	:	No data available	
	Flamm	ability (solid, gas)	:	Combustible Solids	
		explosion limit / Upper ability limit	:	No data available	
		explosion limit / Lower ability limit	· :	No data available	
	Flash p	point	:	Not applicable	
	Auto-ig	nition temperature	:	No data available	
	Decom	position temperature	:	No data available	
	рН		:	Not applicable substance/mixture is non-soluble (in wat	er)
	Viscosi Visc	ity cosity, dynamic	:	No data available	
	Viso	cosity, kinematic	:	Not applicable	
	Solubil Wat	ity(ies) ter solubility	:	insoluble	
	Solu	ubility in other solvents	6 :	No data available	
	Partitio octano	n coefficient: n- I/water	:	No data available	
	Vapou	rpressure	:	< 0,001 hPa (20 °C)	
	Relativ	e density	:	0,88 (20 °C) Reference substance: Water The value is calculated	
	Density	/	:	0,88 g/cm3 (20 °C)	
	Bulk de	ensity	:	No data available	
	Relativ	e vapour density	:	No data available	



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F	Particle characteristics Particle size	: Not applicable	
9.2 O	Particle Size Distribution	: Not applicable	
E	xplosives	: Not explosive	
C	Dxidizing properties	: No data available	
S	Self-ignition	: No data available	
E	vaporation rate	: No data available	
S	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 reactio	or	IS
Hazardous read	ctions :		No dangerous reaction known under conditions of normal use.
10.4 Conditions to	avoid		
Conditions to a	void :		No conditions to be specially mentioned.
10.5 Incompatible I	materials		
Materials to avo	bid :		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:



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



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Acute	e oral toxicity	:	Remarks: This information is not av	vailable.
Acute	e inhalation toxicity	:	Remarks: This information is not av	vailable.
Acute	e dermal toxicity	:	Remarks: This information is not av	vailable.
	<b>corrosion/irritation</b> d on available data, t	he clas	sification criteria are not met.	
Prod	uct:			
Rema	arks	:	This information is not available.	
	ous eye damage/eye			
Base	d on available data,	the clas	sification criteria are not met.	
Prod				
Rema	arks	:	This information is not available.	
Resp	piratory or skin sens	sitisatio	n	
Skin	sensitisation			
Base	d on available data,	the clas	sification criteria are not met.	
-	<b>biratory sensitisatio</b> d on available data, t		sification criteria are not met.	
Prod	uct:			
Rema	arks	:	This information is not available.	
Germ	n cell mutagenicity			
Base	d on available data,	he clas	sification criteria are not met.	
Prod			<b></b>	
Geno	otoxicity in vitro	:	Remarks: No data available	
Geno	otoxicity in vivo	:	Remarks: No data available	
	inogenicity			
Base	d on available data,	he clas	sification criteria are not met.	
Prod			<b>N</b> 1 1 7 9 1 1	
Rema	arks	:	No data available	
-	oductive toxicity d on available data, t	he clas	sification criteria are not met.	
Prod				
	ts on fertility	:	Remarks: No data available	
			0/16	a brand of



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	ts on foetal opment	:	Remarks: No data available	
	<b>Γ - single exposure</b> d on available data, t	he clas	sification criteria are not met.	
<u>Prod</u> Rema		:	No data available	
	<b>F - repeated exposu</b> d on available data, t		sification criteria are not met.	
<u>Prod</u> Rema		:	No data available	
Repe	ated dose toxicity			
<u>Prod</u> Rema		:	This information is not available.	
-	ration toxicity	ha clas	sification criteria are not met.	
Prod			sincation chiena are not met.	
	information is not ava	ailable.		
1.2 Infor	mation on other ha	zards		
Endo	ocrine disrupting pro	opertie	S	
Prod	uct:			
Asse	ssment	:	The substance/mixture does not considered to have endocrine disruto REACH Article 57(f) or Commis (EU) 2017/2100 or Commission Relevels of 0.1% or higher.	upting properties according sion Delegated regulation
Furth	ner information			
<u>Prod</u> Rema		:	Information given is based on data the toxicology of similar products.	on the components and





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## **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

#### 12.2 Persistence and degradability

#### Product:

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

#### 12.3 Bioaccumulative potential

Product:
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Bioaccumulation	:	Remarks: No data available
Diodoodinalation	•	

### 12.4 Mobility in soil

Product:

Mobility	:	Remarks: No data available
Distribution among environmental compartments	:	Remarks: No data available

#### 12.5 Results of PBT and vPvB assessment

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





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# 12.6 Endocrine disrupting properties

## Product:

Assessment	<ul> <li>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.</li> </ul>
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### 12.7 Other adverse effects

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Additional ecological information	:	No information on ecology is available.
linoiniadon		

## **SECTION 13: Disposal considerations**

13.1 Waste treatment methods		
Product	:	The product should not be allowed to enter drains, water courses or the soil.
		Waste codes should be assigned by the user based on the application for which the product was used.
Contaminated packaging	:	Packaging that is not properly emptied must be disposed of as the unused product. Dispose of waste product or used containers according to local regulations.
		The following Waste Codes are only suggestions:
Waste Code	:	used product, unused product 12 01 12*, spent waxes and fats
		uncleaned packagings 15 01 10*, packaging containing residues of or contaminated by hazardous substances

# **SECTION 14: Transport information**

14.1 U	JN	number	or	ID	number
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ADN	:	Not regulated as a dangerous good
ADR	:	Not regulated as a dangerous good



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



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14.7 Maritime transport in bulk according to IMO instruments						
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Remarks : Not applicable for product as supplied.





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# **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 75 If you intend to use this product as tattoo ink, please contact your vendor.			
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). (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) (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			





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prot	allations classified for the ection of the environmen vironment Code R511-9)	t	Not applicable		
	cupational Illnesses (R- -3, France)	:	36, 36 bis, 15, 15 bis		
	nforced medical ervision (R4624-23)	:	The product has no CMR properties cate	gory 1, 1A or 1B	
Vola	atile organic compounds	:	Directive 2010/75/EU of 24 November 20 livestock rearing emissions (integrated p and control) Not applicable		
15.2 Che	15.2 Chemical safety assessment				

This information is not available.

### **SECTION 16: Other information**

#### 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) Structure Activity Relationship;





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REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

#### Further information

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

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