

<b>OKS 200</b>
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# SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1	Product identifier Product name	:	OKS 200	
1.2	Relevant identified uses of th	he s	ubstance or mixture and uses advised against	
	Use of the Substance/Mixture	:	Lubricant	
	Recommended restrictions on use	:	Restricted to professional users.	
1.3 Details of the supplier of the safety data sheet				
	Company	:	OKS Spezialschmierstoffe GmbH Ganghoferstr. 47 82216 Maisach-Gernlinden Deutschland Tel.: +49 8142 3051 500 Fax: +49 8142 3051 599 info@oks-germany.com	
	E-mail address of person responsible for the SDS	:	mcm@oks-germany.com	
	National contact	:		
1.4 Emergency telephone number				
	Emergency telephone		+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)			
Skin irritation, Category 2	H315: Causes skin irritation.		
Serious eye damage, Category 1	H318: Causes serious eye damage.		



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



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#### 2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)			
Hazard pictograms :	L Company		
Signal word :	Danger		
Hazard statements :	H315 H318	Causes skin irritation. Causes serious eye damage.	
Precautionary statements :	<b>Prevention:</b> P264 P280	Wash skin thoroughly after handling. Wear protective gloves/ eye protection/ face protection.	
	Response:		
	P302 + P352	IF ON SKIN: Wash with plenty of soap and water.	
	P305 + P351 + P3	338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.	
	P332 + P313	If skin irritation occurs: Get medical advice/ attention.	
	P362 + P364	Take off contaminated clothing and wash it before reuse.	

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

calcium dihydroxide

#### 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

Molybdenum disulfide : graphite Synthetic hydrocarbon 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)	
calcium dihydroxide	1305-62-0 215-137-3 01-2119475151-45- XXXX	Skin Irrit.2; H315 Eye Dam.1; H318 STOT SE3; H335		>= 10 - < 20	
Substances with a workplace exposure limit :					
Graphite	7782-42-5 231-955-3	Not classified		>= 1 - < 10	

For explanation of abbreviations see section 16.

#### **SECTION 4: First aid measures**

# 4.1 Description of first aid measures

lf	inhaled	

If inhaled :	Remove person to fresh air. If signs/symptoms continue, get medical attention. Keep patient warm and at rest. If unconscious, place in recovery position and seek medical advice. Keep respiratory tract clear. If breathing is irregular or stopped, administer artificial respiration.
In case of skin contact :	Take off all contaminated clothing immediately. Wash off immediately with soap and plenty of water. Get medical attention immediately if irritation develops and persists.



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			Wash clothing before reuse. Thoroughly clean shoes before reu	ise.
In cas	se of eye contact	:	Rinse immediately with plenty of wards for at least 10 minutes. Get medical attention immediately.	-
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.	
			Never give anything by mouth to a	n unconscious person.
		and e	effects, both acute and delayed	
Symp	otoms	:	Skin contact may provoke the follor Erythema	wing symptoms:
Risks	3	:	Causes skin irritation.	
.3 Indica	tion of any immediate	e me	dical attention and special treatme	ent needed
Treat	ment	:	Treat symptomatically.	
SECTION 5: Firefighting measures				
.1 Exting	guishing media			
Suita	ble extinguishing media	a :	Use water spray, alcohol-resistant carbon dioxide.	foam, dry chemical or
Unsuitable extinguishing : High volume water jet				

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

Hazardous combustion products	: Carbon oxides Nitrogen oxides (NOx) Sulphur oxides Oxides of phosphorus Metal oxides
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#### 5.3 Advice for firefighters

media

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.
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#### **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	:	Try to prevent the material from entering drains or water courses. 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	: 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

A	dvice 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 get in eyes or mouth or on skin. Do not get on skin or clothing. Do not get on skin or clothing. Do not repack. These safety instructions also apply to empty packaging which may still contain product residues. Keep container closed when not in use.
Н	ygiene measures	:	Wash face, hands and any exposed skin thoroughly after handling.

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

Requirements for storage	:	Store in original container. Keep container closed when not in
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areas	and containers	use. Keep in a dry, cool and well-ventilated place. Contained which are opened must be carefully resealed and kept uprig to prevent leakage. Store in accordance with the particular national regulations. Keep in properly labelled containers.	
-	f <b>ic end use(s)</b> ific 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		
calcium	1305-62-0	TWA (Respirable	1 mg/m3	2017/164/EU		
dihydroxide		fraction)		(2017-02-01)		
	Further inform	nation: Indicative				
		STEL	4 mg/m3	2017/164/EU		
		(Respirable	-	(2017-02-01)		
		fraction)				
	Further inform	Further information: Indicative				
		VME (Alveolar	1 mg/m3	FR VLE		
		fraction)	-	(2022-10-27)		
	Further inform	nation: Regulatory in	dicative exposure limits			
		VLCT (VLE)	4 mg/m3	FR VLE		
		(Alveolar fraction)	-	(2022-10-27)		
	Further inform	Further information: Regulatory indicative exposure limits				
Graphite	7782-42-5	VME (Alveolar	2 mg/m3	FR VLE		
		fraction)	-	(2007-12-01)		
	Further inform	nation: Indicative exp	osure limits			

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

	. ,	• •	· ·	
Substance name	End Use	Exposure routes	Potential health effects	Value
Benzene, mono-C10- 13-alkyl derivs., distn. residues	Workers	Inhalation	Long-term systemic effects	2,2 mg/m3
	Workers	Skin contact	Long-term systemic effects	3,15 mg/kg bw/day
calcium dihydroxide	Workers	Inhalation	Long-term local effects	1 mg/m3
	Workers	Inhalation	Acute local effects	4 mg/m3
Graphite	Workers	Inhalation	Long-term local effects	1,2 mg/m3

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



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Substance name	Environmental Compartment	Value
Benzene, mono-C10-13-alkyl	Fresh water	0,001 mg/l
derivs., distn. residues		
	Intermittent use/release	0,001 mg/l
	Marine water	0 mg/l
	Microbiological Activity in Sewage	2 mg/l
	Treatment Systems	
	Fresh water sediment	16,5 mg/kg
	Marine sediment	1,65 mg/kg
	Soil	3,7 mg/kg
calcium dihydroxide	Fresh water	0,49 mg/l
	Marine water	0,32 mg/l
	Intermittent use/release	0,49 mg/l
	Microbiological Activity in Sewage	3 mg/l
	Treatment Systems	-
	Soil	1080 mg/kg

#### 8.2 Exposure controls

Engineering measures							
Personal protective equipm	Personal protective equipment						
Eye/face protection	:	Tightly fitting safety goggles					
Hand protection Material Break through time Protective index	:	Nitrile rubber > 10 min Class 1					
Remarks	:	Wear protective gloves. The break through time depends amongst other things on the material, the thickness and the type of glove and therefore has to be measured for each case. The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.					
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.					





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<b>Envir</b> Air	onmental exposure	:	tal precautions required.
Soil		: The product should not courses or the soil.	t be allowed to enter drains, water
Wate	r	:	
		The product should not courses or the soil.	t be allowed to enter drains, water

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

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

Physical state	:	paste
Colour	:	black
Odour	:	hydrocarbon-like
Odour Threshold	:	No data available
Melting point/range	:	No data available
Boiling point/boiling range	:	No data available
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
рН	:	Not applicable substance/mixture is non-soluble (in water)



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V	/iscos	ity			
	Viso	cosity, dynamic	:	No data available	
	Vise	cosity, kinematic	:	Not applicable	
S		ity(ies) ter solubility	:	insoluble	
	Sol	ubility in other solvents	6 :	No data available	
		n coefficient: n- l/water	:	No data available	
V	/apou	r pressure	:	< 0,001 hPa (20 °C)	
R	Relativ	e density	:	1,20 (20 °C) Reference substance: Water The value is calculated	
D	Density	y	:	1,20 g/cm3 (20 °C)	
В	Bulk de	ensity	:	No data available	
R	Relativ	e vapour density	:	No data available	
Ρ		e characteristics ticle size	:	Not applicable	
	Par	ticle Size Distribution	:	Not applicable	
9.2 Ot	ther i	nformation			
E	Explos	ives	:	Not explosive	
C	Dxidizi	ng properties	:	No data available	
S	Self-ig	nition	:	not auto-flammable	
Ν	/letal o	corrosion rate	:	Not corrosive to metals	
E	Evapoi	ration rate	:	No data available	
S	Sublim	ation point	:	No data available	





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#### **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.
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#### 10.4 Conditions to avoid

Conditions to avoid	:	No conditions to be specially mentioned.
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#### 10.5 Incompatible materials

Materials to avoid	:	No materials to be especially mentioned.
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#### **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		
Product:		
Acute oral toxicity	:	Remarks: This information is not available.
Acute dermal toxicity	:	Symptoms: Redness, Local irritation
Components:		
calcium dihydroxide:		
Acute oral toxicity	:	LD50 (Rat, female): > 2.000 mg/kg Method: OECD Test Guideline 425 GLP: yes Assessment: The substance or mixture has no acute oral toxicity
Acute inhalation toxicity	:	LC50 (Rat, male and female): > 6,04 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 436 GLP: yes





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Acute	e dermal toxicity	:	LD50 (Rabbit, male and female): > Method: OECD Test Guideline 402 Assessment: The substance or mitoxicity	2
Grap	hite:			
-	e oral toxicity	:	LD50 (Rat): > 2.000 mg/kg Method: OECD Test Guideline 40 Assessment: The substance or mi toxicity	
Skin	corrosion/irritation			
Prod	uct:			
Rema	arks	:	Irritating to skin.	
Com	ponents:			
calci	um dihydroxide:			
Spec Asse Meth Resu GLP	ssment od	:	human skin Irritating to skin. OECD Test Guideline 431 Irritating to skin. yes	
Spec Asse Meth Resu GLP	ssment od	:	Rabbit Irritating to skin. OECD Test Guideline 404 Irritating to skin. yes	
Seric	ous eye damage/eye	irritati	on	
Prod				
Rema		:	Risk of serious damage to eyes.	
<u>Com</u>	ponents:			
calci	um dihydroxide:			
Spec	ies	:	Rabbit	
Asse	ssment	:	Risk of serious damage to eyes.	
Meth		:	OECD Test Guideline 405	
Resu GLP	It	:	Risk of serious damage to eyes. yes	



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#### Respiratory or skin sensitisation

#### Product:

Remarks

: This information is not available.

#### **Components:**

#### calcium dihydroxide:

Test Type	:	Local lymph node assay (LLNA)
Species	:	Mouse
Assessment	:	Does not cause skin sensitisation.
Method	:	OECD Test Guideline 429
Result	:	Does not cause skin sensitisation.
GLP	:	yes

#### Germ cell mutagenicity

#### Product:

Genotoxicity in vitro	:	Remarks: No data available

Genotoxicity in vivo : Remarks: No data available

#### Components:

calcium dihydroxide:		
Genotoxicity in vitro	:	Test Type: Ames test Method: OECD Test Guideline 471 Result: negative GLP: yes
		Test Type: Chromosome aberration test in vitro Method: OECD Test Guideline 473 Result: negative

GLP: yes

Test Type: In vitro mammalian cell gene mutation test Method: OECD Test Guideline 476 Result: negative GLP: yes

#### Carcinogenicity

# Product:

<b>D</b>		
Remarks		No data available
INCILIAINS	•	ino uala avaliable





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Com	ponents:		
Carci	um dihydroxide: nogenicity - ssment	: No evidence of carcinogenicity ir	n animal studies.
Repr	oductive toxicity		
Prod	uct:		
Effect	ts on fertility	: Remarks: No data available	
	ts on foetal opment	: Remarks: No data available	
<u>Com</u>	ponents:		
	um dihydroxide: oductive toxicity -	: - Fertility -	
Asses	ssment	No toxicity to reproduction - Teratogenicity -	
		No effects on or via lactation	
STO	Γ - single exposure		
<u>Prod</u> Rema		: No data available	
Com	ponents:		
calci	um dihydroxide:		
Asses	ssment	: May cause respiratory irritation.	
STO	F - repeated exposur	e	
<u>Prod</u> Rema		: No data available	
Repe	ated dose toxicity		
<u>Prod</u> Rema		: This information is not available.	
Aspir	ration toxicity		
Prod			
This i	nformation is not avai	lable.	
			a busined of





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#### 11.2 Information on other hazards

Endocrine disrupting properties					
Product:					
Assessment	: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.				
Further information					
Product:					
Remarks	<ul> <li>Ingestion causes irritation of upper respiratory system and gastrointestinal disturbance.</li> </ul>				

# **SECTION 12: Ecological information**

#### 12.1 Toxicity

Product:		
Toxicity to fish	:	Remarks: No data available
Toxicity to daphnia and other aquatic invertebrates	:	Remarks: No data available
Toxicity to algae/aquatic plants	:	Remarks: No data available
Toxicity to microorganisms	:	Remarks: No data available
Components:		
calcium dihydroxide:		
Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 50,6 mg/l Exposure time: 96 h Test Type: static test Method: OECD Test Guideline 203 GLP: yes
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 49,1 mg/l Exposure time: 48 h Test Type: static test Method: OECD Test Guideline 202





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		GLP: yes	
Toxic plant	city to algae/aquatic s	<ul> <li>EC50 (Pseudokirchneriella subcapitata ( mg/l Exposure time: 72 h Test Type: static test Method: OECD Test Guideline 201 GLP: yes</li> </ul>	green algae)): 184,57
Ecot	oxicology Assessme		
	e aquatic toxicity	: This product has no known ecotoxicologi	cal effects.
Chro	nic aquatic toxicity	: This product has no known ecotoxicologi	cal effects.
12.2 Pers	sistence and degrada	ty	
Prod	luct:		
Biode	egradability	: Remarks: No data available	
	ico-chemical ovability	: Remarks: No data available	
Com	ponents:		
calci	ium dihydroxide:		
Biode	egradability	: Remarks: The methods for determining the degradability are not applicable to inorga	
12.3 Bioa	accumulative potentia		
Prod	luct:		
Bioa	ccumulation	: Remarks: No data available	
Com	ponents:		
calci	ium dihydroxide:		
	tion coefficient: n- nol/water	: log Pow: 0,05	
Grap	ohite:		
	tion coefficient: n- nol/water	: Remarks: No data available	
12.4 Mob	ility in soil		
Prod	luct:		
Mobi	lity	: Remarks: No data available	
		15 / 21	a brand of



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Distribution among : Remarks: No data available environmental compartments

#### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment

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

#### **12.6 Endocrine disrupting properties**

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.
	levels of 0.1% or higher.

#### 12.7 Other adverse effects

Ρ	r	0	d	u	С	t	:

Additional ecological	:	No information on ecology is available.
information		

### **SECTION 13: Disposal considerations**

13.1 Waste treatment methods	
Product	<ul> <li>The product should not be allowed to enter drains, water courses or the soil.</li> <li>Do not dispose of with domestic refuse.</li> <li>Dispose of as hazardous waste in compliance with local and national regulations.</li> </ul>
	Waste codes should be assigned by the user based on the application for which the product was used.
Contaminated packaging	<ul> <li>Packaging that is not properly emptied must be disposed of as the unused product.</li> <li>Dispose of waste product or used containers according to local regulations.</li> </ul>
	The following Waste Codes are only suggestions:





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Wast	e Code	<ul> <li>used product, unused product</li> <li>12 01 12**, spent waxes and fats</li> <li>uncleaned packagings</li> <li>15 01 10*, packaging containing re</li> <li>by hazardous substances</li> </ul>	sidues of or contaminated

# **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
	ΙΑΤΑ	:	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
	ΙΑΤΑ	:	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
	ΙΑΤΑ	:	Not regulated as a dangerous good
14.	4 Packing group		
	ADN	:	Not regulated as a dangerous good
	ADR	:	Not regulated as a dangerous good
	RID	:	Not regulated as a dangerous good
	IMDG	:	Not regulated as a dangerous good
	IATA (Cargo)	:	Not regulated as a dangerous good
	IATA (Passenger)	:	Not regulated as a dangerous good



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### 14.5 Environmental hazards

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

#### 14.6 Special precautions for user

Not applicable

#### 14.7 Maritime transport in bulk according to IMO instruments

Remarks

: Not applicable for product as supplied.

### **SECTION 15: Regulatory information**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture						
REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)	:	Not applicable				
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). (EU SVHC)	:	This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).				
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer (EC 1005/2009)	:	Not applicable				
Regulation (EU) 2019/1021 on persistent organic pollutants (recast) (EU POP)	:	Not applicable				
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				





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	lation (EU) 2019/1148 c sives precursors	on th	e marketing and use of :	Not applicable
Parlia major	so III: Directive 2012/18 ament and of the Counc r-accident hazards invol ances.	il on	the control of	Not applicable
prote	lations classified for the ction of the environmen ronment Code R511-9)	-	Not applicable	
	pational Illnesses (R- 3, France)	:	36, 25	
	orced medical rvision (R4624-23)	:	The product has no CMR	properties category 1, 1A or 1B
Volati	ile organic compounds	:		4 November 2010 on industrial ution prevention and control)

#### 15.2 Chemical safety assessment

This information is not available.

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

#### **Full text of H-Statements**

H315	:	Causes skin irritation.
H318	:	Causes serious eye damage.
H335	:	May cause respiratory irritation.

# Full text of other abbreviations

2017/164/EU	:	Europe. Commission Directive 2017/164/EU establishing a fourth list of indicative occupational exposure limit values
FR VLE	:	France. Occupational Exposure Limits
2017/164/EU / STEL	:	Short term exposure limit
2017/164/EU / TWA	:	Limit Value - eight hours
FR VLE / VME	:	Time Weighted Average
FR VLE / VLCT (VLE)	:	Short Term Exposure Limit



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



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ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN -Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx -Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx -Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA -International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO -International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID -Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals 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 mixtu	re:	Classification procedure:
Skin Irrit. 2	H315	Calculation method
Eye Dam. 1	H318	Calculation method

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

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



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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.

