

Version	Revision Date:	Date of last issue: 26.08.2022	Print Date:
2.0	19.02.2025	Date of first issue: 23.06.2016	19.02.2025

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

1.1 Product identifier		
Product name	:	OKS 350
1.2 Relevant identified uses of t	he s	substance or mixture and uses advised against
Use of the	:	Lubricating oil
Substance/Mixture		
Recommended restrictions	:	Restricted to professional users.
on use		·
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	:	mcm@oks-germany.com
responsible for the SDS		
National contact		
	•	
1 4 Emergency telephone numb	er	

1.4 Emergency telephone number

Emergency telephone	:	+49 8142 3051 517
number		

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Specific target organ toxicity - repeated	H373: May cause damage to organs through
exposure, Category 2, lymph node	prolonged or repeated exposure.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)



OKO DEO

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



OKS 350					
Version 2.0	Revision Date: 19.02.2025		Date of last issue: 26.08.2022Print Date:Date of first issue: 23.06.201619.02.2025		
Hazard pictograms		:			
Signa	Signal word		Warning		
Hazard statements		:	H373	May cause damage to through prolonged or	o organs (lymph node) repeated exposure.
Precautionary statements		:	Prevention: P260	Do not breathe vapou	Irs.
			Response:		
			P314	Get medical advice/ a unwell.	ttention if you feel

Hazardous components which must be listed on the label:

Amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates

2.3 Other hazards

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

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

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

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature

: Synthetic hydrocarbon oil ester oil

Components

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





Version 2.0	Revision Date: 19.02.2025	Date of last issue: 26 Date of first issue: 23	 Print I 19.02	
	Regis	stration number	Notes Acute toxicity estimate	

			estimate	
Amines, C11-14- branched alkyl, monohexyl and dihexyl phosphates	80939-62-4 279-632-6 01-2119976322-36- XXXX	Skin Irrit.2; H315 Eye Irrit.2; H319 STOT RE1; H372 Aquatic Chronic2; H411		>= 1 - < 2,5

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

lf 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. 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. 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. Rinse mouth with water. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	:	No symptoms known or expected.
Risks	:	None known.





Version	Revision Date:	Date of last issue: 26.08.2022	Print Date:
2.0	19.02.2025	Date of first issue: 23.06.2016	19.02.2025

4.3 Indication of any immediate medical attention and special treatment needed

Treatment

: Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

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

5.2 Special hazards arising from the substance or mixture

Hazardous combustion	:	Carbon oxides
products		Nitrogen oxides (NOx)

5.3 Advice for firefighters

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	 Evacuate personnel to safe areas. Use personal protective equipment. Ensure adequate ventilation. Do not breathe vapours or spray mist. Refer to protective measures listed in sections 7 and 8.
6.2 Environmental precautions	

Environmental precautions	:	Try to prevent the material from entering drains or water courses. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained.
---------------------------	---	--

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	:	Contain spillage, and then collect with non-combustible
		absorbent material, (e.g. sand, earth, diatomaceous earth,





VersionRevision Date:Date of last issue: 26.08.2022Print Date:2.019.02.2025Date of first issue: 23.06.201619.02.2025	
--	--

vermiculite) and place in container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling	:	Do not use in areas without adequate ventilation. Do not breathe vapours or spray mist. In case of insufficient ventilation, wear suitable respiratory equipment. 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 repack. Do not repack. Do not re-use empty containers. These safety instructions also apply to empty packaging which may still contain product residues. Keep container closed when not in use.
Hygiene measures	:	Wash face, hands and any exposed skin thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	:	: Store in original container. Keep container closed when ne use. Keep in a dry, cool and well-ventilated place. Contair which are opened must be carefully resealed and kept up to prevent leakage. Store in accordance with the particula national regulations. Keep in properly labelled containers.	
Storage class (TRGS 510)	:	10, Combustible liquids	
7.3 Specific end use(s) Specific use(s)	:	Specific instructions for handling, not required.	





Version	Revision Date:	Date of last issue: 26.08.2022	Print Date:
2.0	19.02.2025	Date of first issue: 23.06.2016	19.02.2025

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:

Substance name	End Use	Exposure routes	Potential health effects	Value
Amines, C11-14- branched alkyl, monohexyl and dihexyl phosphates	Workers	Inhalation	Long-term systemic effects	0,2 mg/m3
	Workers	Skin contact	Long-term systemic effects	0,03 mg/kg

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

Substance name	Environmental Compartment	Value
Amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates	Fresh water	0,055 mg/l
	Marine water	0,005 mg/l
	Sewage treatment plant	1 mg/l
	Fresh water sediment	239,64 mg/kg
	Marine sediment	23,964 mg/kg
	Soil	47,76 mg/kg
	Intermittent use/release	0,01 mg/l

8.2 Exposure controls

Engineering measures

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 Break through time Protective index	:	butyl-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.





OKS 350				
Version 2.0	Revision Date: 19.02.2025	Date of last issue: 26.08.2022Print Date:Date of first issue: 23.06.201619.02.2025		
Skin a	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.)	
Respi	ratory protection	: Not required; except in case of aerosol formation.		
Fil	ter type	: Filter type A-P		
Protective measures :		: The type of protective equipment must be selected accordin to the concentration and amount of the dangerous substance at the specific workplace.		
Envir Air	onmental exposure o	ontrols : No special environmental precautions required.		
Soil :		The product should not be allowed to enter drains, water courses or the soil.		
Water	r	:		
		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	:	liquid
Colour	:	black
Odour	:	characteristic
Odour Threshold	:	No data available
Melting point/range	:	No data available
Boiling point/boiling range	:	No data available
Flammability (solid, gas)	:	Not applicable



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



OKS 350

Vers	sion	Revision Date:		of last issue: 26.08.2022	Print Date:
2.0		19.02.2025	Date	of first issue: 23.06.2016	19.02.2025
	Upper explosion limit / Upper flammability limit		· :	No data available	
		explosion limit / Lower ability limit	· :	No data available	
	Flash p	point	:	260 °C	
	Auto-ig	nition temperature	:	No data available	
	Decom	position temperature	:	No data available	
	рН		:	Not applicable substance/mixture is non-polar/aprotic	
	Viscos Visc	ity cosity, dynamic	:	No data available	
	Viso	cosity, kinematic	:	245 mm2/s (40 °C)	
	Solubil Wa	ity(ies) ter solubility	:	immiscible	
	Sol	ubility in other solvents	s :	No data available	
	Partitio octano	on coefficient: n- I/water	:	No data available	
	Vapou	r pressure	:	< 1 hPa (20 °C)	
	Relative density		:	0,9010 (20 °C) Reference substance: Water The value is calculated	
	Density		:	0,90 g/cm3 (20 °C)	
	Bulk density		:	No data available	
	Relative vapour density		:	No data available	
9.2 (Other in	nformation			
	Explos	ives	:	Not explosive	
	Oxidizi	ng properties	:	No data available	
	Self-ignition		:	No data available	





Version 2.0	Revision Date: 19.02.2025	Date of last issue: 26.08.2022 Date of first issue: 23.06.2016	Print Date: 19.02.2025
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	:	No conditions to be specially mentioned.
10.5 Incompatible materials		

Materials to avoid	:	No materials to be especially mentioned.
	•	No matchais 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

Product:

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

Components:

Amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates:

Acute oral toxicity :	LD50 (Rat, male and female): > 5.000 mg/kg Method: OECD Test Guideline 401 GLP: yes
Acute dermal toxicity :	LD50 (Rat, male and female): > 2.000 mg/kg Method: OECD Test Guideline 402



OK	S 350				
Vers 2.0	ion	Revision Date: 19.02.2025		e of last issue: 26.08.2022 e of first issue: 23.06.2016	Print Date: 19.02.2025
				GLP: no Assessment: The substance or mixt toxicity	ure has no acute dermal
	Skin co	orrosion/irritation			
	Produc	·+·			
	Remar		:	This information is not available.	
	Reman	N 3	•		
	Compo	onents:			
	Amine	s, C11-14-branched	l alky	, monohexyl and dihexyl phosphat	es:
	Specie	S	:	Rabbit	
	Assess		:	Irritating to skin.	
	Method	1	:	OECD Test Guideline 404	
	Result		:	Irritating to skin.	
	GLP		:	no	
	Seriou	s eye damage/eye i	irritati	on	
	Produc				
	Remar		:	This information is not available.	
	Reman	KS	•	This mormation is not available.	
	Compo	onents:			
	Amine	s. C11-14-branched	l alkv	, monohexyl and dihexyl phosphat	es:
	Specie			Rabbit	
	Assess		:	Irritating to eyes.	
	Method		:	OECD Test Guideline 405	
	Result	4	:	Irritating to eyes.	
	GLP		:	no	
			_		
	Respir	atory or skin sensi	tisatio	on	
	Produc	<u>:t:</u>			
	Remarl	ks	:	This information is not available.	
	Compo	onents:			
	-			monohovyl and dihovyl phosphat	001
			ааку	, monohexyl and dihexyl phosphat	es:
	Test Ty		:	Maximisation Test	
		ire routes	:	Dermal	
	Species		÷	Guinea pig Does not cause skin sensitisation.	
	Assess Method			OECD Test Guideline 406	
	Result	4	:	Does not cause skin sensitisation.	
	GLP		:	no	
	50		•		
				10 / 20	a brand of





Version	Revision Date:	Date of last issue: 26.08.2022	Print Date:
2.0	19.02.2025	Date of first issue: 23.06.2016	19.02.2025

Germ cell mutagenicity

Product:

Genotoxicity in vitro	:	Remarks: No data available
Genotoxicity in vivo	:	Remarks: No data available

Components:

Amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates:

Genotoxicity in vitro	:	Test Type: gene mutation test
		Test system: Salmonella typhimurium
		Metabolic activation: with and without metabolic activation
		Method: OECD Test Guideline 471
		Result: negative
		GLP: no

Carcinogenicity

Product:

Remarks

: No data available

Reproductive toxicity

Product:		
Effects on fertility	:	Remarks: No data available
Effects on foetal development	:	Remarks: No data available

Components:

Amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates: Effects on fertility : Test Type: reproductive and developmental toxicity study Species: Rat Application Route: Oral General Toxicity - Parent: LOAEL: 10 mg/kg body weight General Toxicity F1: NOAEL: 100 mg/kg body weight Method: OECD Test Guideline 422 GLP: yes Effects on foetal development : Species: Rat Application Route: Oral

General Toxicity Maternal: LOAEL: 10 mg/kg body weight Developmental Toxicity: NOAEL: 100 mg/kg body weight Method: OECD Test Guideline 422 GLP: yes





Version	Revision Date:	Date of last issue: 26.08.2022	Print Date:
2.0	19.02.2025	Date of first issue: 23.06.2016	19.02.2025

STOT - single exposure

Product:

Remarks

: No data available

STOT - repeated exposure

Product:

Remarks : No data available

Components:

Amine	es, C11-14-branched	alkyl, monohexyl and dihexyl phosphat	es:
-			

Target Organs	:	lymph node
Assessment	:	The substance or mixture is classified as specific target organ
		toxicant, repeated exposure, category 1.

Repeated dose toxicity

Product:

Remarks :	This information is not available.
-----------	------------------------------------

Components:

Amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates:

Species	:	Rat, male and female
LOAEL	:	10 mg/kg
Application Route :	:	Oral
Exposure time :	:	28
Method :	:	OECD Test Guideline 422
GLP :	:	yes
Remarks :	:	Not classified due to inconclusive data.

Aspiration toxicity

Product:

This information is not available.

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation





OKS 350	0			
Version 2.0	Revision Date: 19.02.2025		e of last issue: 26.08.2022 of first issue: 23.06.2016	Print Date: 19.02.2025
			(EU) 2017/2100 or Commission R levels of 0.1% or higher.	Regulation (EU) 2018/605 at
Furth	er information			
<u>Produ</u> Rema		:	Information given is based on dat the toxicology of similar products.	•

SECTION 12: Ecological information

12.1 Toxicity

-		
<u>Product:</u> 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:		
Amines, C11-14-branched al	lky	l, monohexyl and dihexyl phosphates:
Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 5,5 mg/l Exposure time: 96 h Test Type: static test Method: OECD Test Guideline 203 GLP: no
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 1 mg/l Exposure time: 48 h Test Type: static test Method: OECD Test Guideline 202 GLP: no
Toxicity to algae/aquatic plants	:	EC50 (Pseudokirchneriella subcapitata (green algae)): > 10 mg/l Exposure time: 72 h Test Type: static test Method: OECD Test Guideline 201 GLP: yes



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



OKS 350

Versio 2.0	n Revision Date: 19.02.2025	Date of last issue: 26.08.2022 Date of first issue: 23.06.2016	Print Date: 19.02.2025
T	oxicity to microorganisms	: EC50 (Bacteria): > 100 mg/l Exposure time: 3 h Test Type: Respiration inhibition Method: OECD Test Guideline 209 GLP: no	
a	oxicity to daphnia and other quatic invertebrates Chronic toxicity)	: NOEC: > 10 mg/l Exposure time: 22 d Species: Daphnia magna (Water flea) Test Type: semi-static test Method: OECD Test Guideline 211 GLP: yes)
12.2 P	ersistence and degradabi	ity	
<u>P</u>	roduct:		
В	iodegradability	: Remarks: No data available	
	hysico-chemical emovability	: Remarks: No data available	
<u>C</u>	omponents:		
		lkyl, monohexyl and dihexyl phosphate	s:
В	iodegradability	: Test Type: aerobic Inoculum: activated sludge Result: Not rapidly biodegradable Biodegradation: 12 % Exposure time: 28 d Method: OECD Test Guideline 301B GLP: no	
12.3 B	ioaccumulative potential		
<u>P</u>	roduct:		
В	ioaccumulation	: Remarks: No data available	
<u>c</u>	omponents:		
Α	mines, C11-14-branched	lkyl, monohexyl and dihexyl phosphate	s:
В	ioaccumulation	: Bioconcentration factor (BCF): 0,85 -	278
12.4 N	lobility in soil		
P	roduct:		
Μ	lobility	: Remarks: No data available	
D	istribution among	: Remarks: No data available	
		14 / 20	a brand of





Version	Revision Date:	Date of last issue: 26.08.2022	Print Date:
2.0	19.02.2025	Date of first issue: 23.06.2016	19.02.2025

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

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 The product should not be allowed to enter drains, water courses or the soil. Do not dispose of with domestic refuse. Dispose of as hazardous waste in compliance with local and national regulations. Waste codes should be assigned by the user based on the application for which the product was used. Contaminated packaging Packaging that is not properly emptied must be disposed of as : the unused product. Dispose of waste product or used containers according to local regulations. The following Waste Codes are only suggestions: Waste Code unused product 13 02 06**, synthetic engine, gear and lubricating oils a brand of 15/20 **FREUDENBERG**



Version 2.0	Revision Date: 19.02.2025	Date of last issue: 26.08.2022 Date of first issue: 23.06.2016	Print Date: 19.02.2025
----------------	---------------------------	---	------------------------

uncleaned packagings 15 01 10*, packaging containing residues of or contaminated by hazardous substances

SECTION 14: Transport information

14.1 UN number or ID number			
ADN	:	Not regulated as a dangerous good	
ADR	:	Not regulated as a dangerous good	
RID	:	Not regulated as a dangerous good	
IMDG	:	Not regulated as a dangerous good	
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	
14.5 Environmental hazards			
ADN	:	Not regulated as a dangerous good	





OKS 35	0			
Version 2.0	Revision Date: 19.02.2025	Date of last issue: 26.08.20 Date of first issue: 23.06.2		Print Date: 19.02.2025
ADR		: Not regulated as a	dander	rous good
RID		: Not regulated as a	0	C C
IMDO	3	0	0	0
IMDG : Not regulated as a dangerous good 14.6 Special precautions for user Not applicable				
14.7 Mari	time transport in bu	Ik according to IMO instr	uments	6
Rem	arks	: Not applicable for	product	as supplied.
	N 15: Regulatory in		islation	specific for the substance or
the m		he manufacture, placing o ain dangerous substances ex XVII)		Conditions of restriction for the following entries should be considered: Number on list 3
Conc	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).
deple	Regulation (EC) No 1005/2009 on substances that deplete the ozone layer (EC 1005/2009)		:	Not applicable
pollut	Regulation (EU) 2019/1021 on persistent organic pollutants (recast) (EU POP)		:	Not applicable
Parlia impo	Regulation (EU) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals (EU PIC)		: d	Not applicable

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

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



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



OKS 350 Version Date of last issue: 26.08.2022 **Revision Date:** Print Date: Date of first issue: 23.06.2016 19.02.2025 2.0 19.02.2025 Seveso III: Directive 2012/18/EU of the European Not applicable Parliament and of the Council on the control of major-accident hazards involving dangerous substances. Water hazard class WGK 1 slightly hazardous to water 1 Classification according to AwSV, Annex 1 (5.2) (Germany) TA Luft List (Germany) 5.2.1: Total dust: : others: 0,53 % 5.2.2: Inorganic substances in powdered form: Not applicable 5.2.4: Inorganic substances in gaseous form: Not applicable 5.2.5: Organic Substances: Class 1: 1 % others: 4,77 % 5.2.7.1.1: Carcinogenic substance: Not applicable 5.2.7.1.1: Quartz fine dust PM4: Not applicable 5.2.7.1.1: Formaldehyde: Not applicable 5.2.7.1.1: fibres: Not applicable 5.2.7.1.2: Germ cell mutagens: Not applicable 5.2.7.1.3: Substances toxic to reproduction: Not applicable 5.2.7.2: Poorly degradable, easily enrichable and highly toxic organic substances: Not applicable Directive 2010/75/EU of 24 November 2010 on industrial Volatile organic compounds 2 emissions (integrated pollution prevention and control)

Other regulations:

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

Not applicable





Version	Revision Date:	Date of last issue: 26.08.2022	Print Date:
2.0	19.02.2025	Date of first issue: 23.06.2016	19.02.2025

15.2 Chemical safety assessment

This information is not available.

SECTION 16: Other information

Full text of H-Statements

H315 :	Causes skin irritation.
H319 :	Causes serious eye irritation.
H372 :	Causes damage to organs through prolonged or repeated exposure.
H411 :	Toxic to aquatic life with long lasting effects.

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; 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



H373



	OKS	350
--	-----	-----

Version	Revision Date:	Date of last issue: 26.08.2022	Print Date:
2.0	19.02.2025	Date of first issue: 23.06.2016	19.02.2025

Classification of the mixture:

Classification procedure:

Calculation method

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

This safety data sheet applies only to products as originally packed and labelled. The information contained therein may not be reproduced or modified without our express written permission. Any forwarding of this document is only permitted to the extent required by law. Any further, in particular public, dissemination of the safety data sheet (e.g. as a document for download from the Internet) is not permitted without our express written consent. We provide our customers with amended safety data sheets as prescribed by law. The customer is responsible for passing on safety data sheets and any amendments contained therein to its own customers, employees and other users of the product. We provide no guarantee that safety data sheets received by users from third parties are up-to-date. All information and instructions in this safety data sheet have been compiled to the best of our knowledge and are based on the information available to us on the day of publication. The information provided is intended to describe the product in relation to the required safety measures; it is neither an assurance of characteristics nor a guarantee of the product's suitability for particular applications and does not justify any contractual legal relationship. The existence of a safety data sheet for a particular jurisdiction does not necessarily mean that import or use within that jurisdiction is legally permitted. If you have any questions, please contact your responsible sales contact or authorized trading partner.

