according to Regulation (EC) No. 1907/2006 - HU (Commission Regulation (EU) 2020/878)



OKS 390

Version	Revision Date:	Date of last issue: 25.03.2021	Print Date:
1.5	14.02.2022	Date of first issue: 04.07.2016	14.02.2022

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

1.1 Product identifier Product name	:	OKS 390
1.2 Relevant identified uses of t	the s	substance or mixture and uses advised against
Use of the Sub- stance/Mixture	:	Lubricant
Recommended restrictions on use	:	Restricted to professional users.
1.3 Details of the supplier of the	e saf	ety data sheet
Company	:	OKS Spezialschmierstoffe GmbH Ganghoferstr. 47 D-82216 Maisach-Gernlinden 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 Material Compliance Management
National contact	:	EagleBurgmann Hungaria Kft. Népfürdő utca 22 1138 Budapest Hungary Tel.: +36 1 814 8160 Fax: +36 1 319 8125 info.hu@eagleburgmann.com
1.4 Emergency telephone numb	ber	

Emergency telephone number : 0049 (0) 8142-3051-517 Egészségügyi Toxikológiai Tájékoztató Szolgálat (ETTSZ) H-1096 Budapest, Nagyvárad tér 2.

Tel: +36 1 476 6464, +36 80 201 199

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.



according to Regulation (EC) No. 1907/2006 - HU (Commission Regulation (EU) 2020/878)



OKS 390

Version	Revision Date:	Date of last issue: 25.03.2021	Print Date:
1.5	14.02.2022	Date of first issue: 04.07.2016	14.02.2022

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

Additional Labelling

EUH210 Safety data sheet available on request.

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 : Mineral oil.

Components

Chemical name	CAS-No.	Classification	anagifia gangan	Concentration
Chemical name		Classification	specific concen-	Concentration
	EC-No.		tration limit	(% w/w)
			M-Factor	· · ·
	Index-No.		Notes	
	Registration number		Acute toxicity	
	-		estimate	
Distillates (petroleum),	64742-54-7	Asp. Tox.1; H304		>= 90 - <= 100
hydrotreated heavy	265-157-1			
paraffinic; Baseoil —			Note L	
unspecified	649-467-00-8			
unspecified				
	01-2119484627-25-			
	XXXX			

For explanation of abbreviations see section 16.



according to Regulation (EC) No. 1907/2006 - HU (Commission Regulation (EU) 2020/878)



OKS 390

Version	Revision Date:	Date of last issue: 25.03.2021	Print Date:
1.5	14.02.2022	Date of first issue: 04.07.2016	14.02.2022

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 med-: ical attention. In case of contact, immediately flush skin with plenty of water. Rinse immediately with plenty of water, also under the eyelids, In case of eye contact : for at least 10 minutes. If eye irritation persists, consult a specialist. If swallowed Move the victim to fresh air. : Do NOT induce vomiting. Rinse mouth with water. 4.2 Most important symptoms and effects, both acute and delayed

Symptoms	: No information available.
Risks	: None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media Suitable extinguishing media	:	Use water spray, alcohol-resistant foam, dry chemical or car- bon dioxide.
Unsuitable extinguishing media	:	High volume water jet
5.2 Special hazards arising from Hazardous combustion prod- ucts		

5.3 Advice for firefighters

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



according to Regulation (EC) No. 1907/2006 - HU (Commission Regulation (EU) 2020/878)



OKS 390

Version Revision Date: Date of last issue: 25.03.2021 Print Date: 1.5 14.02.2022 Date of first issue: 04.07.2016 14.02.2022	Version 1.5	Revision Date: 14.02.2022	Date of last issue: 25.03.2021 Date of first issue: 04.07.2016	Print Date: 14.02.2022
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Further information : Standard procedure for chemical fires.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective	e equipment and emergency procedures
Personal precautions :	Evacuate personnel to safe areas. Use personal protective equipment. 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

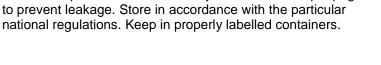
Methods for cleaning up	:	Contain spillage, and then collect with non-combustible ab-
		sorbent material, (e.g. sand, earth, diatomaceous earth, ver-
		miculite) and place in container for disposal according to local
		/ national regulations (see section 13).

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 :	For personal protection see section 8. Smoking, eating and drinking should be prohibited in the ap- plication 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, inc	luding 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





according to Regulation (EC) No. 1907/2006 - HU (Commission Regulation (EU) 2020/878)



OKS 390

Version	Revision Date:	Date of last issue: 25.03.2021	Print Date:
1.5	14.02.2022	Date of first issue: 04.07.2016	14.02.2022

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

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Engineering measures none		
Personal protective equipn	nent	t
Eye protection	:	Safety glasses with side-shields
Hand protection Material Break through time Protective index	:	Fluorinated 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 specifica- tions of Regulation (EU) 2016/425 and the standard EN 374 derived from it.
Respiratory protection	:	Not required; except in case of aerosol formation.
Filter type	:	Filter type A-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. Choose body protection in relation to its type, to the concen- tration and amount of dangerous substances, and to the spe- cific work-place.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	:	liquid
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Colour : yellow



according to Regulation (EC) No. 1907/2006 - HU (Commission Regulation (EU) 2020/878)



Vers 1.5	sion	Revision Date: 14.02.2022		of last issue: 25.03.2021 of first issue: 04.07.2016	Print Date: 14.02.2022
	Odour		:	characteristic	
	Odour ⁻	Threshold	:	No data available	
	Melting	point/range	:	No data available	
	Boiling	point/boiling range	:	No data available	
	Flamma	ability (solid, gas)	:	Not applicable	
		explosion limit / Upper bility limit	:	10,0 %(V)	
		explosion limit / Lower bility limit	:	1,0 %(V)	
	Flash p	point	:	> 175 °C	
	Auto-ig	nition temperature	:	No data available	
		position temperature composition tempera-	:	No data available	
	рН		:	Not applicable substance/mixture is non-polar/aprotic	
	Viscosi Visc	ty cosity, dynamic	:	No data available	
	Visc	cosity, kinematic	:	22 mm2/s (40 °C)	
	Solubili Wat	ity(ies) er solubility	:	immiscible	
	Solu	ubility in other solvents	:	No data available	
	Partitio octanol	n coefficient: n- /water	:	No data available	
	Vapour	pressure	:	< 0,1 hPa (20 °C)	
	Relative	e density	:	0,87 (20 °C) Reference substance: Water The value is calculated	
	Density	1	:	0,87 g/cm3 (20 °C)	



according to Regulation (EC) No. 1907/2006 - HU (Commission Regulation (EU) 2020/878)



OKS 390

Versio 1.5	n Revision Date: 14.02.2022	Date of last issue: 25.03.2021Print Date:Date of first issue: 04.07.201614.02.2022	
В	ulk density	: No data available	
R	elative vapour density	: No data available	
	ner information	: Not explosive	
O	xidizing properties	: No data available	
Se	elf-ignition	: No data available	
М	etal corrosion rate	: Not corrosive to metals	
Ev	aporation rate	: No data available	
Su	ublimation point	: No data available	

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazards to be specially mentioned.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions						
Hazardous reactions	:	No dangerous reaction known under conditions of normal use.				

10.4 Conditions to avoid

Conditions to avoid

: No conditions to be specially mentioned.

10.5 Incompatible materials

Materials to avoid : No materials to be especially mentioned.

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

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

Acute toxicity

Product:

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



according to Regulation (EC) No. 1907/2006 - HU (Commission Regulation (EU) 2020/878)



sion	Revision Date: 14.02.2022		e of last issue: 25.03.2021 e of first issue: 04.07.2016	Print Date: 14.02.2022
Acute	inhalation toxicity	:	Remarks: This information is not av	vailable.
Acute	dermal toxicity	:	Remarks: This information is not av	vailable.
<u>Comp</u>	onents:			
Distill	ates (petroleum), h	vdrotro	eated heavy paraffinic; Baseoil —	unspecified:
	oral toxicity	-	LD50 (Rat): > 5.000 mg/kg Method: OECD Test Guideline 401	·
Acute	inhalation toxicity	:	LC50 (Rat): > 5,53 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 403 Assessment: The substance or mix tion toxicity	
Acute	dermal toxicity	:	LD50 (Rabbit): > 5.000 mg/kg Method: OECD Test Guideline 402	
Skin o	corrosion/irritation			
Produ	ıct:			
Rema	rks	:	This information is not available.	
<u>Comp</u>	onents:			
		ydrotro	eated heavy paraffinic; Baseoil —	unspecified:
	ates (petroleum), h	ydrotro	eated heavy paraffinic; Baseoil — Rabbit	unspecified:
Distill Specie Asses	ates (petroleum), h es sment	ydrotro :		unspecified:
Distill Specie	ates (petroleum), h es sment	ydrotro : :	Rabbit	unspecified:
Distill Specie Asses	a tes (petroleum), h es sment od	ydrotro : :	Rabbit No skin irritation	unspecified:
Distill Specie Asses Metho	a tes (petroleum), h es sment od	ydrotro : : :	Rabbit No skin irritation OECD Test Guideline 404	unspecified:
Distill Specie Asses Metho Result GLP	a tes (petroleum), h es sment od		Rabbit No skin irritation OECD Test Guideline 404 No skin irritation yes	unspecified:
Distill Specie Asses Metho Result GLP	ates (petroleum), h es sment od t us eye damage/eye		Rabbit No skin irritation OECD Test Guideline 404 No skin irritation yes	unspecified:
Distill Specie Asses Metho Result GLP Serior	ates (petroleum), h es isment od t t us eye damage/eye i <u>ct:</u>		Rabbit No skin irritation OECD Test Guideline 404 No skin irritation yes	unspecified:
Distill Specie Asses Metho Result GLP Seriou Produ Rema	ates (petroleum), h es isment od t t us eye damage/eye i <u>ct:</u>	irritati	Rabbit No skin irritation OECD Test Guideline 404 No skin irritation yes	unspecified:
Distill Specie Asses Metho Result GLP Seriou Produ Rema	ates (petroleum), h es sment od t us eye damage/eye <u>ict:</u> rks	irritati	Rabbit No skin irritation OECD Test Guideline 404 No skin irritation yes	
Distill Specie Asses Metho Result GLP Seriou Produ Rema Comp Distill	ates (petroleum), h es isment id t us eye damage/eye <u>ict:</u> rks <u>ponents:</u> ates (petroleum), h	irritati	Rabbit No skin irritation OECD Test Guideline 404 No skin irritation yes on This information is not available.	
Distill Specie Asses Metho Result GLP Seriou Rema Comp Distill Specie	ates (petroleum), h es sment od t us eye damage/eye <u>ates (petroleum), h</u> es	irritati	Rabbit No skin irritation OECD Test Guideline 404 No skin irritation yes on This information is not available. eated heavy paraffinic; Baseoil — Rabbit	
Distill Specie Asses Metho Result GLP Seriou Rema Comp Distill Specie	ates (petroleum), h es sment od t us eye damage/eye <u>ates (petroleum), h</u> es sment	irritati	Rabbit No skin irritation OECD Test Guideline 404 No skin irritation yes on This information is not available.	
Distill Specie Asses Metho Result GLP Seriou Rema Comp Distill Specie Asses	ates (petroleum), h es sment od t us eye damage/eye <u>ates (petroleum), h</u> es sment od	irritati	Rabbit No skin irritation OECD Test Guideline 404 No skin irritation yes on This information is not available. eated heavy paraffinic; Baseoil — Rabbit No eye irritation	



according to Regulation (EC) No. 1907/2006 - HU (Commission Regulation (EU) 2020/878)



rsion 5	Revision Date: 14.02.2022		e of last issue: 25.03.2021 e of first issue: 04.07.2016	Print Date: 14.02.2022
Resp	piratory or skin sens	itisatio	on	
Prod	uct:			
Rema	arks	:	This information is not available.	
Com	ponents:			
		vdrotr	eated heavy paraffinic; Baseoil —	unspecified:
Spec			Guinea pig	anopooniou
	ssment	:	Does not cause skin sensitisation.	
Meth			OECD Test Guideline 406	
Resu		:	Does not cause skin sensitisation.	
GLP		:	yes	
Germ	n cell mutagenicity			
Prod				
Geno	otoxicity in vitro	:	Remarks: No data available	
Geno	otoxicity in vivo	:	Remarks: No data available	
<u>Com</u>	ponents:			
Distil	llates (petroleum), h	ydrotr	eated heavy paraffinic; Baseoil —	unspecified:
Germ sessr	n cell mutagenicity- A ment	S- :	Tests on bacterial or mammalian o mutagenic effects.	ell cultures did not she
Carc	inogenicity			
Prod	uct:			
Rema		:	No data available	
<u>Com</u>	ponents:			
Distil	llates (petroleum), h	vdrotr	eated heavy paraffinic; Baseoil —	unspecified:
	nogenicity - Assess-	-	Not classifiable as a human carcin	-
Repr	oductive toxicity			
Prod	uct:			
	ts on fertility	:	Remarks: No data available	
Effec ment	ts on foetal develop-	:	Remarks: No data available	



according to Regulation (EC) No. 1907/2006 - HU (Commission Regulation (EU) 2020/878)



OKS 390

Version	Revision Date:	Date of last issue: 25.03.2021	Print Date:
1.5	14.02.2022	Date of first issue: 04.07.2016	14.02.2022

Components:

Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified:

Reproductive toxicity - As- : - Fertility sessment No toxicity to reproduction

Repeated dose toxicity

Product:

Remarks

: This information is not available.

Aspiration toxicity

Product:

This information is not available.

Components:

Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified:

May be fatal if swallowed and enters airways.

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

: Information given is based on data on the components and 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	-	



according to Regulation (EC) No. 1907/2006 - HU (Commission Regulation (EU) 2020/878)



Ver 1.5	sion	Revision Date: 14.02.2022		e of last issue: 25.03.2021 e of first issue: 04.07.2016	Print Date: 14.02.2022
	Toxicity plants	y to algae/aquatic	:	Remarks: No data available	
	Toxicit	y to microorganisms	:	Remarks: No data available	
	Comp	onents:			
	Distilla	ates (petroleum), hyd	lrotre	eated heavy paraffinic; Baseoil — unsp	ecified:
		y to fish	:	LC50 (Pimephales promelas (fathead min Exposure time: 96 h Test Type: static test Method: OECD Test Guideline 203 GLP: yes	
		y to daphnia and other invertebrates	· :	EC50 (Daphnia magna (Water flea)): > 10 Exposure time: 48 h Test Type: Immobilization Method: OECD Test Guideline 202 GLP: yes	0.000 mg/l
	Toxicity plants	y to algae/aquatic	:	NOEC (Pseudokirchneriella subcapitata (mg/l Exposure time: 72 h Test Type: static test Method: OECD Test Guideline 201	microalgae)): > 100
		y to daphnia and other invertebrates (Chron ity)		NOELR: 10 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea) Method: OECD Test Guideline 211 Remarks: No toxicity at the limit of solubil	ity
12.2	2 Persis	tence and degradabi	ility		
	Produ	ct:			
		radability	:	Remarks: No data available	
	Physic ity	o-chemical removabil-	:	Remarks: No data available	
	Comp	onents:			
	Distilla	ates (petroleum), hyd	rotre	eated heavy paraffinic; Baseoil — unsp	ecified:
	Biodeg	radability	:	Test Type: aerobic Inoculum: activated sludge Result: Not readily biodegradable. Biodegradation: 3 % Exposure time: 28 d Method: OECD Test Guideline 301B	



according to Regulation (EC) No. 1907/2006 - HU (Commission Regulation (EU) 2020/878)



OKS 390

Version	Revision Date:	Date of last issue: 25.03.2021	Print Date:
1.5	14.02.2022	Date of first issue: 04.07.2016	14.02.2022

GLP: yes

12.3 Bioaccumulative potential

Product:

Bioaccumulation	:	Remarks: This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT). This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

12.4 Mobility in soil

<u>Product:</u> Mobility	:	Remarks: No data available
Distribution among environ- mental compartments	:	Remarks: No data available

12.5 Results of PBT and vPvB assessment

|--|

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 0.4% or higher

12.7 Other adverse effects

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Product:
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Additional ecological infor-	:	No information on ecology is available.
mation		

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

: Waste codes should be assigned by the user based on the application for which the product was used.



according to Regulation (EC) No. 1907/2006 - HU (Commission Regulation (EU) 2020/878)



OKS 390

Version 1.5	Revision Date: 14.02.2022	Date of last issue: 25.03.2021 Date of first issue: 04.07.2016	Print Date: 14.02.2022
		The product should not be allow courses or the soil.	red to enter drains, water
Conta	aminated packaging	 Packaging that is not properly e the unused product. Dispose of waste product or use local regulations. 	
		The following Waste Codes are	only suggestions:
Wast	e Code	: unused product 12 01 07*, mineral-based machi cept emulsions and solutions)	ining oils free of halogens (ex-
		uncleaned packagings 15 01 10, packaging containing by hazardous substances	residues of or contaminated

SECTION 14: Transport information

14.1 UN number or ID number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

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	:	Not applicable
the market and use of certain dangerous substances,		
preparations and articles (Annex XVII)		

REACH - Candidate List of Substances of Very High	:	This product does not contain sub-
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according to Regulation (EC) No. 1907/2006 - HU (Commission Regulation (EU) 2020/878)



OKS 390

Versior 1.5	n	Revision Date: 14.02.2022		e of last issue: 25.03.202 e of first issue: 04.07.20		Print Date: 14.02.2022
		n for Authorisation (A	stances of very high concern (Regu- lation (EC) No 1907/2006 (REACH), Article 57).			
	EACF Annex	I - List of substances XIV)	Not applicable			
		tion (EC) No 1005/20 e ozone layer	Not applicable			
	•	tion (EU) 2019/1021 ecast)	:	Not applicable		
m	nent a	tion (EC) No 649/201 nd the Council conce Jerous chemicals	:	Not applicable		
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 sub- stances.						
Vo	'olatile	organic compounds	:			4 November 2010 on industrial ution prevention and control)

Other regulations:

2000 XXV. Law on chemical safety 44/2000. (XII 27) Ministry of health dangerous substances and preparations dangerous for certain procedures and arrangements for activities

15.2 Chemical safety assessment

This information is not available.

SECTION 16: Other information

Full text of H-Statements H304 Full text of other abbreviation	May be fatal if swallowed and enters airways. s
Note L	The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO ex- tract as measured by IP 346 "Determination of polycyclic aro- matics in unused lubricating base oils and asphaltene free petroleum fractions - Dimethyl sulphoxide extraction refractive index method", Institute of Petroleum, London. This note ap- plies only to certain complex oil-derived substances in Part 3.



according to Regulation (EC) No. 1907/2006 - HU (Commission Regulation (EU) 2020/878)



OKS 390

Version	Revision Date:	Date of last issue: 25.03.2021	Print Date:
1.5	14.02.2022	Date of first issue: 04.07.2016	14.02.2022

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European 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; TRGS -Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

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according to Regulation (EC) No. 1907/2006 - HU (Commission Regulation (EU) 2020/878)



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