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

1.1 Product identifier		
Product name	:	OKS 2650
1.2 Relevant identified uses of the	he s	ubstance or mixture and uses advised against
Use of the Sub- stance/Mixture	:	Detergent
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 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 number

Emergency telephone num-	:	0049 (0) 8142-3051-517
ber		Egészségügyi Toxikológiai Tájékoztató Szolgálat (ETTSZ)
		H-1096 Budapest, Nagyvárad tér 2.
		Tel: +36 1 476 6464, +36 80 201 199



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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

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

: Aqueous solution

Components

Chemical name	CAS-No.	Classification	specific concen-	Concentration
	EC-No.		' tration limit	(% w/w)
			M-Factor	· · · ·
	Index-No.		Notes	
	Registration number		Acute toxicity	
			estimate	
potassium carbonate	584-08-7	Skin Irrit.2; H315		>= 1 - < 10
	209-529-3	Eye Irrit.2; H319		
		STOT SE3; H335		

For explanation of abbreviations see section 16.



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SECTION 4: First aid measures

ires
 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.
 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.
 Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes. If eye irritation persists, consult a specialist.
 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

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : Treat
 - : 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



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5.2 Special hazards arising from the substance or mixture

Hazardous combustion prod- ucts	:	Carbon oxides Metal oxides
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 decomposi- tion products may be a hazard to health.
Further information	:	Standard procedure for chemical fires. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

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	Do not allow contact with soil, surface or ground water. 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 cont	ainment and cleaning up		

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

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 breathe vapours or spray mist.
	Avoid contact with skin and eyes.
	For personal protection see section 8.
	Smoking, eating and drinking should be prohibited in the ap-



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<u> </u>	01.10.2022	plication area. Wash hands and face before handling the product. Do not get in eyes or mouth o Do not get on skin or clothing Do not ingest. Do not repack. Do not re-use empty containe	breaks and immediately after or on skin. ers. o apply to empty packaging which dues.		
Hygiene measures :		: Wash face, hands and any ex handling.			
7.2 Cond	litions for safe storad	e, including any incompatibilities			
Requirements for storage : areas and containers		: Store in original container. Ke use. Keep in a dry, cool and v which are opened must be ca to prevent leakage. Store in a	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.		
		Protect from frost.			
7.2 6	ific end use(s)				
7.3 Spec		: Specific instructions for handl			

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 equip	oment
Eye protection	: Safety glasses with side-shields
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



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			case. The selected protective gloves have to s tions of Regulation (EU) 2016/425 and th derived from it.	
Skin	and body protection	:	Choose body protection in relation to its tration and amount of dangerous substancific work-place.	
Resp	iratory protection	:	Not required; except in case of aerosol f	ormation.
Fi	lter type	:	Filter type A-P	
Prote	ective measures	:	The type of protective equipment must b to the concentration and amount of the c at the specific workplace.	

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	:	liquid
Colour	:	red
Odour	:	odourless
Odour Threshold	:	No data available
Melting point/range	:	No data available
Boiling point/boiling range	:	100 °C (1.013 hPa)
Flammability (solid, gas)	:	Not applicable
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	does not flash
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
рН	:	10,7 (20 °C) Concentration: 100 %



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tance: Water culated
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SECTION 10: Stability and reactivity

10.1 Reactivity

No hazards to be specially mentioned.



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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.

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 dermal toxicity	:	Symptoms: Redness, Local irritation
Skin corrosion/irritation		
<u>Product:</u> Remarks	:	Irritating to skin.
Components:		
potassium carbonate: Result	:	Skin irritation
Serious eye damage/eye irr	itati	ion
<u>Product:</u> Remarks	:	This information is not available.
Components:		
potassium carbonate: Result	:	Eye irritation



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Resp	iratory or skin sensi	isation	
Prod	uct:		
Rema	arks	: This information is not available.	
Gern	n cell mutagenicity		
Prod	uct:		
Geno	otoxicity in vitro	: Remarks: No data available	
Geno	otoxicity in vivo	: Remarks: No data available	
Carc	inogenicity		
Prod	uct:		
Rema	arks	: No data available	
Repr	oductive toxicity		
Prod	uct:		
Effec	ts on fertility	: Remarks: No data available	
Effec ment	ts on foetal develop-	: Remarks: No data available	
STO	Γ - single exposure		
<u>Com</u>	ponents:		
potas	ssium carbonate:		
	sure routes	: Inhalation	
Asse	ssment	: May cause respiratory irritation.	
Repe	ated dose toxicity		
<u>Prod</u>	uct:		
Rema	arks	: This information is not available.	
Aspi	ration toxicity		
Prod	uct:		
This i	information is not avai	able.	
1.2 Infor	mation on other haz	rds	
Endo	ocrine disrupting pro	perties	
Prod	uct:		
Asse	ssment	: The substance/mixture does not contain	components consid-



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			ered to have endocrine disrupting prope REACH Article 57(f) or Commission De (EU) 2017/2100 or Commission Regula levels of 0.1% or higher.	legated regulation
Furt	her information			
Prod	luct:			
Rem	arks	:	Ingestion causes irritation of upper resp gastrointestinal disturbance.	iratory system and

SECTION 12: Ecological information

12.1 Toxicity

Product:	

Toxicity to fish	:	Remarks: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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

Prod	unct-
FIUU	uci.

Biodegradability	:	Remarks: No data available
Physico-chemical removabil- ity	:	Remarks: No data available

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

Product:

Mobility

: Remarks: No data available



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Distribution among environ- : Remarks: No data available mental 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 consid- ered 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 infor-	:	Harmful to aquatic life with long lasting effects.
mation		

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 16 10 01, aqueous liquid wastes containing hazardous sub- stances

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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

Α	DN	:	Not regulated as a dangerous good
Α	DR	:	Not regulated as a dangerous good
R	ID	:	Not regulated as a dangerous good
IN	IDG	:	Not regulated as a dangerous good
IA	TA	:	Not regulated as a dangerous good
14.2 U	N proper shipping name		
Α	DN	:	Not regulated as a dangerous good
Α	DR	:	Not regulated as a dangerous good
R	ID	:	Not regulated as a dangerous good
IN	IDG	:	Not regulated as a dangerous good
IA	ТА	:	Not regulated as a dangerous good
14.3 T	ransport hazard class(es)		
Α	DN	:	Not regulated as a dangerous good
Α	DR	:	Not regulated as a dangerous good
R	ID	:	Not regulated as a dangerous good
IN	IDG	:	Not regulated as a dangerous good
IA	TA	:	Not regulated as a dangerous good
14.4 P	acking group		
Α	DN	:	Not regulated as a dangerous good
Α	DR	:	Not regulated as a dangerous good
R	ID	:	Not regulated as a dangerous good
IN	IDG	:	Not regulated as a dangerous good
IA	TA (Cargo)	:	Not regulated as a dangerous good
IA	TA (Passenger)	:	Not regulated as a dangerous good
14.5 E	nvironmental hazards		
Α	DN	:	Not regulated as a dangerous good
Α	DR	:	Not regulated as a dangerous good



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	: Not regulated as a dangerous goo	od
ì	: Not regulated as a dangerous goo	bd
ial precautions for pplicable	user	
ime transport in bu	Ik according to IMO instruments	
arks	: Not applicable for product as supp	olied.
	31.10.2022 ial precautions for opplicable ime transport in bu	31.10.2022 Date of first issue: 23.06.2016 : Not regulated as a dangerous good : Not regulated as a dangerous good ial precautions for user oplicable ime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

REACH - Restrictions on the manufactu the market and use of certain dangerous mixtures and articles (Annex XVII)		Not applicable		
REACH - Candidate List of Substances Concern for Authorisation (Article 59). (EU SVHC)	of Very High :	This product does not contain sub- stances of very high concern (Regu- lation (EC) No 1907/2006 (REACH), Article 57).		
REACH - List of substances subject to a (Annex XIV) (EU. REACH-Annex XIV)	uthorisation :	Not applicable		
Regulation (EC) No 1005/2009 on subst plete the ozone layer (EC 1005/2009)	ances that de- :	Not applicable		
Regulation (EU) 2019/1021 on persister tants (recast) (EU POP)	t organic pollu- :	Not applicable		
Regulation (EC) No 649/2012 of the Eur ment and the Council concerning the ex of dangerous chemicals (EU PIC)		Not applicable		
Seveso III: Directive 2012/18/EU of the Parliament and of the Council on the commajor-accident hazards involving dange stances.	ntrol of	Not applicable		
Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 0,25 %				
Regulation (EC) No.:Ingre-648/2004, as amended< 5%	, Amphoteric surfactants, Non-ionic			



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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

H315	:	Causes skin irritation.
H319	:	Causes serious eye irritation.
H335	:	May cause respiratory irritation.

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 -



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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

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Ingredients (Regulation (EC) No. 648/2004, as amended)

AQUA POTASSIUM CARBONATE CAPRYLYL/CAPRYL GLUCOSIDE TETRASODIUM GLUTAMATE DIACETATE COCAMIDOPROPYL BETAINE LAURAMINE OXIDE non hazardous ingredient

https://ec.europa.eu/growth/tools-databases/cosing/index.cfm?fuseaction=search.simple

