

according to UK REACH Regulation

Hodrupa A

Revision date: 12.12.2022

Product code: j0501_sd

Page 1 of 9

SECTION 1: Identification	of the substance/mixture	e and of the company/und	lertaking
<u>1.1. Product identifier</u> Hodrupa A			
UFI:	T9P0-P0XG-V00	G-V4EE	
1.2. Relevant identified uses	of the substance or mixtur	<u>e and uses advised against</u>	
Use of the substance/mix Product for professiona	ture I cleaning and maintenance		
1.3. Details of the supplier of	the safety data sheet		
Company name: Street: Place:	J O H A N N E S Robert-Bosch-Str D-85235 Odelzha	. 9	
Telephone: E-mail: Contact person: Internet: Responsible Department:	+49 8134 9305-0 info@kiehl-group Laboratory depar www.kiehl-group. Notrufnummer fü Vergiftungsinform Nationale Notrufn Numéro d'urger Numero d' emerg ETTSZ /Egészsé Nagyvárad tér 2. Eesti: Häirekesk	.com tment com r deutsch- und englischsprach nationszentrale (VIZ) Österreid nummer für die Schweiz (Tox-2 nce France: INRS: +33 (0) 1 4 enza Italia: Centro Antiveleni gügyi Toxikológiai Tájékoztató Ügyeleti telefonszám: +36 80 cuse number: 112 / Mürgistust	ch: +43 1 406 43 43 Zentrum Zürich): 145 5 42 59 59 - 20162 Milano: 02/66101029 5 Szolgálat/, 1096 Budapest, 201-199 teabekeskuse number: 16662
KIEHL Austria GmbH KIEHL FRANCE S.A.R.L. KIEHL Italia s.r.l. KIEHL Schweiz AG KIEHL Hungary Kft. KIEHL Middle East LLC 1.4. Emergency telephone	Perfektastr. 57; 5, rue de Londres; Via San Rocco, 101; St. Dionys-Str. 33; Felsöipari körút 3/ D A8-LIU 48/49 - KIZAD	hone number for all other cour A-1230 Wien F-67670 Mommenheim I-16036 Recco (GE) CH-8645 Jona HU-2142 Nagytarcsa Abu Dhabi, U.A.E. ermanophone and anglophone	Tel. +43 (0) 1 / 604 99 93 Tél. +33 (0) 3.88.59.52.25 Tel. +39 / 0185 730 008 Tel. +41 (0) 55 / 254 74 74 Tel. +36 (0) 1 / 348-08 41 Tel. +971 2 550 33 96

number:

+49/89/19240 (germanophone and anglophone) For Belgium: +32 70 245 245 (free, 24/7) or +32 2 264 96 30 (normal rate)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Skin Corr. 1B; H314

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Hazard components for labelling

Potassium Silicate / Potassium Hydroxide

Signal word:

Pictograms:





according to UK REACH Regulation

	Hodrupa A	
Revision date: 12.12.2022	Product code: j0501_sd	Page 2 of 9
Hazard statements		
H314	Causes severe skin burns and eye damage.	

Precautionary statements

r	ecautionary statement	IS I
	P280	Wear protective gloves/protective clothing/eye protection/face protection.
	P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if
		present and easy to do. Continue rinsing.
	P308+P313	IF exposed or concerned: Get medical advice/attention.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

according to 648/2004/CE: nonionic surfactants <5%, anionic surfactants <5%, alkalis, water-soluble solvents, corrosion inhibitors

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regu	lation)		
1312-76-1	Potassium silicate			1 - < 5 %
	215-199-1		01-2119456888-17	
	Met. Corr. 1, Skin Corr. 1B; H	1290 H314		
112-34-5	2-(2-Butoxyethoxy)ethanol			1 - < 5 %
	203-961-6	603-096-00-8	01-2119475104-44	
	Eye Irrit. 2; H319			
1310-58-3	Potassium hydroxide			< 1 %
	215-181-3	019-002-00-8	01-2119487136-33	
	Acute Tox. 4, Skin Corr. 1A; I	H302 H314		

Full text of H and EUH statements: see section 16.

Specific Cond	c. Limits, M-fac	tors and ATE	
CAS No	EC No	Chemical name	Quantity
	Specific Conc. I	imits, M-factors and ATE	
1310-58-3	215-181-3	Potassium hydroxide	< 1 %
		′3 mg/kg Skin Corr. 1A; H314: >= 5 - 100 Skin Corr. 1B; H314: >= 2 - < 5 I5: >= 0,5 - < 2 Eye Irrit. 2; H319: >= 0,5 - < 2	

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Avoid contact with skin, eyes and clothes.

After inhalation

No special measures are necessary.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Remove contaminated, saturated clothing immediately.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids



according to UK REACH Regulation

Hodrupa A

Revision date: 12.12.2022

Product code: j0501_sd

Page 3 of 9

apart and consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink 1 glass of of water. Do NOT induce vomiting. Immediately call a doctor.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

no restriction

Unsuitable extinguishing media

No information available.

5.2. Special hazards arising from the substance or mixture No information available.

5.3. Advice for firefighters

Co-ordinate fire-fighting measures to the fire surroundings. The product itself does not burn.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Avoid contact with skin, eyes and clothes.

For non-emergency personnel

Use personal protection equipment.

For emergency responders

Use personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment

Stop leak if safe to do so. Cover drains.

Prevent spread over a wide area (e.g. by containment or oil barriers).

For cleaning up

Wipe up with absorbent material (eg. cloth, fleece).

Clean contaminated articles and floor according to the environmental legislation.

Other information

Never return spills in original containers for re-use.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling



according to UK REACH Regulation

Hodrupa A

Revision date: 12.12.2022

Product code: j0501_sd

Page 4 of 9

Advice on safe handling

Avoid contact with skin, eyes and clothes. Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene No special measures are necessary.

Further information on handling

No special handling advices are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep only in the original container in a cool, well-ventilated place. Store in a place accessible by authorized persons only.

Hints on joint storage

Do not store together with: Acids Food and feedingstuffs

Further information on storage conditions

Keep container tightly closed.

Never return unused material to storage receptacle.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
112-34-5	2-(2-Butoxyethoxy)ethanol	10	67.5		TWA (8 h)	WEL
		15	101.2		STEL (15 min)	WEL
1310-58-3	Potassium hydroxide	-	2		STEL (15 min)	WEL

Additional advice on limit values

If applied according to regulations, this will fall below the limit. There is no risk to health.

8.2. Exposure controls

Appropriate engineering controls

No information available.

Individual protection measures, such as personal protective equipment

Eye/face protection

Suitable eye protection:

Safety glasses with side-shields conforming to EN166

Hand protection

Tested protective gloves must be worn

Recommendation: Nitrile gloves with a coating thickness of 0.4 mm which protect at least 8 hours (corresponds to the permeability level 6 of the European norm DIN/EN 374) and provide a resistance to swelling of < 15%.

Skin protection

Wear suitable protective clothing.

Respiratory protection

not relevant



according to UK REACH Regulation

Hodrupa A

Revision date: 12.12.2022

Product code: j0501_sd

Page 5 of 9

Environmental exposure controls

Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid		
Colour:	light brown		
Odour:	characteristic		
			Test method
Melting point/freezing point:		<0 °C	
Boiling point or initial boiling point and		>98 °C	
boiling range:			
Flammability:		not applicable	
Lower explosion limits:		not applicable	
Upper explosion limits:		not applicable	
Flash point:		>100 °C	
Auto-ignition temperature:		>300 °C	
Decomposition temperature:		not determined	
pH-Value (at 20 °C):		approx. 13,0	K-QP1012C
Viscosity / kinematic:		not determined	
Water solubility:		completely miscible	
(at 20 °C)			
Solubility in other solvents			
not determined Partition coefficient n-octanol/water:		not dotorminod	
Vapour pressure:		not determined not determined	
Density (at 20 °C):			K-QP1012E
Relative vapour density:		not determined	
Particle characteristics:		not applicable	
9.2. Other information			
Information with regard to physical ha	zard classes		
Self-ignition temperature			
Solid:		not applicable	
Gas:		not applicable	
Other safety characteristics			
Evaporation rate:		not determined	
Solid content:		not determined	
Sublimation point:		not applicable	
Softening point:		not applicable	
Pour point:		not applicable	
Viscosity / dynamic:		not determined	
Flow time:		not determined	

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

No information available.

10.3. Possibility of hazardous reactions



according to UK REACH Regulation

Hodrupa A

Revision date: 12.12.2022

Product code: j0501_sd

Page 6 of 9

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

Do not store at temperatures above 35°C

10.5. Incompatible materials

Acids

10.6. Hazardous decomposition products

No information available.

Further information

Do not mix with other detergents or chemicals.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

Based on available data, the classification criteria are not met.

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

dust/mist) > 5 mg/i

CAS No	Chemical name	-				
	Exposure route	Dose		Species	Source	Method
1310-58-3	Potassium hydroxide					
		LD50 mg/kg	273	rat		

Irritation and corrosivity

Causes severe skin burns and eye damage.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards

Endocrine disrupting properties

No information available.

Further information

Health injuries are not known or expected under normal use.

SECTION 12: Ecological information

12.1. Toxicity

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants. The surfactants in the product meet all requirements of the detergents regulation 648/2004/EC.

12.3. Bioaccumulative potential



according to UK REACH Regulation

Hodrupa A

Revision date: 12.12.2022

Product code: j0501_sd

Page 7 of 9

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

Further information

Chemical Oxygen Demand (COD) 325 mg O2/g.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains.

List of Wastes Code - residues/unused products

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

List of Wastes Code - used product

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Contaminated packaging

Clean container with water. Return cleaned containers to the company for recycling. Non-contaminated packages may be recycled.

No

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	not applicable
14.2. UN proper shipping name:	not applicable
14.3. Transport hazard class(es):	not applicable
14.4. Packing group:	not applicable

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:

14.6. Special precautions for user

No special measures are necessary.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

Other applicable information

Not classified as dangerous in the meaning of transport regulations.

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII): Entry 3, Entry 55, Entry 75



National regulatory information Water hazard class (D): 1 - slightly hazardous to water 15.2. Chemical safety assessments for substances in this mixture were not carried out. SECTION 16: Other information Changes This data sheet contains changes from the previous version in section(s): 3 / 6 / 7 / 8 / 12 Abbreviations and acronyms ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Martitime Code for Dangerous Goods IATA: International Martitime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonized System of Classification and Labelling of Chemicals EINCS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service LC50: Lethal concentration, 50% LD50: Lethal concentration and Authorization of Chemicals GHS: Globally Harmonized System of Classification, Labelling and Packaging REACH: Registration, Evaluation and Authorization of Chemicals GHS: Globally Harmonized System of Classification, Labelling and Packaging of Chemicals UN: United Nations DNEL: Derived No Effect Level DMEL: Derived No Effect Level		Cofety Data Chest	JOHANNES KIEHL KG
die saubere Lösung according to UK REACH Regulation Hodrupa A Revision date: 12.12.2022 Product code: j0501_sd Page 8 of National regulatory information Water hazard class (D): 1 - slightly hazardous to water 15.2. Chemical safety assessment IS.2. Chemical safety assessments for substances in this mixture were not carried out. SECTION 16: Other information Changes This data sheet contains changes from the previous version in section(s): 3 / 6 / 7 / 8 / 12 Abbreviations and acronyms ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDC: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Suropean Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAR: Chemical Abstracts Service LC50: Lethal concentration, 50% LENCI: Cervide Minimal Effect Level DMEL: Derived No Effect Concentration DMEL: Derived No Effect Concentration ACK: Chemical Abstracts System of Classification, Labelling and Packaging of		Safety Data Sheet	
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ErC50: Effective Concentration 50%, growth rate NOEC: No Observed Effect Concentration	GHS: Globally Harmonized Sys EINECS: European Inventory of ELINCS: European List of Notifi CAS: Chemical Abstracts Servin LC50: Lethal concentration, 50% LD50: Lethal dose, 50% CLP: Classification, labelling an REACH: Registration, Evaluation GHS: Globally Harmonised Sys UN: United Nations DNEL: Derived No Effect Level DMEL: Derived No Effect Level DMEL: Derived Minimal Effect L PNEC: Predicted No Effect Con ATE: Acute toxicity estimate LL50: Lethal loading, 50% EL50: Effect loading, 50% EC50: Effective Concentration S	tem of Classification and Labelling of Chemicals f Existing Commercial Chemical Substances ied Chemical Substances ce % ad Packaging on and Authorization of Chemicals tem of Classification, Labelling and Packaging of Che Level acentration	∍micals
	BCF: Bio-concentration factor		
	PRT: persistent_bioaccumulativ	e toxic	

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

EmS: Emergency Schedules

MFAG: Medical First Aid Guide

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container

SVHC: Substance of Very High Concern

For abbreviations and acronyms, see table at http://abbrev.esdscom.eu Met. Corr: Corrosive to metals Acute Tox: Acute toxicity Skin Corr: Skin corrosion Eye Irrit: Eye irritation



according to UK REACH Regulation

Hodrupa A

Revision date: 12.12.2022

Product code: j0501_sd

Page 9 of 9

Classification	Classification procedure
Skin Corr. 1B; H314	Calculation method
Relevant H and EUH	H statements (number and full text)
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H319	Causes serious eye irritation.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)