

Page 1 of 16

Trade name:	POTASSIUM HYDROXIDE, SOLUTION						
Product code:	KHO-OT-X**	Date of compilation:	04 July 2019	Version:	3		

SECTI	ON 1. Identification of t	he substa	ance/mix	xture a	and of the company/undertaking		
1.1.	Product identifier						
	Trade name:	POTASS	SIUM HY	DROXI	DE, SOLUTION		
	Chemical name:	-					
	Catalogue number:	KHO-O	KHO-OT-X**				
1.2.	. Relevant identified uses of the substance or mixture and uses advised against				xture and uses advised against		
	Uses:			For use	e with special staining kits.		
	Uses advised against:			Only th	ne identified uses are advised.		
	Reason why uses advi	sed agains	The product is intended for use only as an <i>in vitro</i> diagramst: medical device and there is no reason to use it for ot purposes.				
1.3.	Details of the supplier	of the saf	fety data	sheet			
	Supplier:		BioGno	ost Ltd.			
	Address:	dress: Med		djugorska 59, Zagreb			
	Telephone number: +385		+385 1	5 1 2409997			
	Telefax:	Telefax: +38		5 1 2404039			
	e-mail of competent p	erson:	msds@	<u>biogn</u>	<u>ost.hr</u>		
	National contact:		-				
1.4.	Emergency telephone	number					
	National Protection ar	nd Rescue	Director	ate:	112		
	Medical information:				+385 1 2348 342		
	Other information:				-		

SECTIO	SECTION 2. Hazards identification					
2.1.	Classification of the substance or mixture					
2.1.1.	Classification according to Regula	ntion (EC) No 12	72/2008 (CLP)			
	Hazard class and categor	y code:	Hazard statement*:			
	Not identified as hazardous subst	ance.	-			
2.1.2.	Additional information					
	-					
* For fu	ıll text of Hazard- and EU Hazard-st	atements: see SI	CTION 16			
2.2.	Label elements					
	Product identification:	POTASSIUM F	YDROXIDE, SOLUTION			
	Identification number: -					
	Authorisation number: -					
	Hazard pictograms:	-				



BIOGNOST® SAFETY DATA STIELL According to Regulation (EC) No. 1907/2006

Page 2 of 16

Trade name:	POTASSIUM HYDROXIDE, SOLUTION						
Product code:	KHO-OT-X**	Date of compilation:	04 July 2019	Version:	3		

	Signal word:	-
	Hazard statement:	-
	Precautionary statements:	-
	Supplemetal hazard information (EU)	-
2.3.	Other hazards	
	-	

SECTION 3. Com	SECTION 3. Composition/information on ingredients							
CAS/ EC/ Index number	REACH Registration No	Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)				
1310-58-3 215-181-3 019-002-00-8	-	< 1 %	Potassium hydroxide	Met. Corr. 1; H290 Ac. Tox. 4; H302 Skin Corr. 1A; H314				

SECTIO	ON 4. First aid measures	
4.1.	Description of first aid meas	ures
	General notes:	-
	Following inhalation:	Remove person to fresh air. If breathing stops, immediately apply artificial respiration. If breathing difficulties occur, use emergency breathing apparatus. If the symptoms persist, immediately consult a physician.
	Following skin contact:	Remove all contaminated clothes using sterile gauze. Immediately wash with plenty of water for at least 20 minutes. Seek medical assistance if the symptoms of irritation remain.
	Following eye contact:	Rinse out with plenty of water with the eyelid held wide open for at least 20 minutes. If the symptoms remain, immediately call in ophthalmologist.
	Following ingestion:	Rinse the oral cavity, drink 1-2 glasses of water. Do not induce vomiting. Immediately consult a physician and show the container or label. In case of swallowing large quantities, transport the afflicted person to the hospital.
	Self-protection of the first aider:	-
4.2.	Most important symptoms a	and effects, both acute and delayed
	Following inhalation:	Cough, breathing difficulties, respiratory failure, dizziness, euphoria, narcosis, inebriation.
	Following skin contact:	Drying and cracking of skin, redness, burning sensation, burns with ulceration.
	Following eye contact:	Redness, burning sensation, tearing, eye pain, blurred vision, severe eye damage. Hazard of permanent loss of vision.



Page 3 of 16

Trade name:	POTASSIUM HYDROXIDE, SOLUTION							
Product code:	KHO-OT-X**	Date of compilation:	04 July 2019	Version:	3			

	Following ingestion:	Burns of the mouth and throat, pain in the digestive tract, nausea, vomiting, perforation of the esophagus and stomach.		
4.3.	Indication of any immediate medical attention and special treatment needed			
	No information available			

SECTI	SECTION 5. Firefighting measures					
5.1.	Extinguishing media					
	Suitable extinguishing media:	Water, CO ₂ , foam, dry powder				
	Unsuitable extinguishing med	a: No information available				
5.2.	Special hazards arising from th	ne substance or mixture				
	Hazardous combustion products:	No information available.				
5.3.	Advice for firefighters					
	Firefighters must always use fireproof suit and self-sustaining breathing apparatus with open circle that contains pressurized air in case of fire in closed space.					
5.4.	Additional information					
	Prevent spills and water used covering drains.	for putting out fire from contaminating waterways by enclosing and				

SECTIO	TION 6. Accidental release measures				
6.1.	Personal precautions, protective equipment and emergency procedures				
6.1.1.	For non-emergency personnel				
	Protective equipment:	Use protective equipment in accordance with Section 8. Do not get in eyes or on skin. Do not inhale vapor/aerosols. Remove the persons not directly involved in rescuing procedure from the scene of event.			
	Keep away from heat, flames and sparks. Secure proper ventilation. Accident prevention methods: Prevent electrostatic charge buildup. Use only grounded devices and equipment. Do not release in drains - explosion hazard.				
	Emergency procedures:	In case of accident secure the location and evacuate the personnel not involved in recovery.			
6.1.2.	For emergency responders:				
	Use protective equipment; in case of inadequate ventilation use adequate airways protective equipment (see Section 8).				
6.2.	Environmental precautions:				



Page 4 of 16

Trade name:	POTASSIUM HYDROXIDE, SOLUTION						
Product code:	KHO-OT-X**	Date of compilation:	04 July 2019	Version:	3		

	Prevent the product from entering the environment; in case it enters environment, it is necessary to prevent the product from reachign waterways, drainage systems and soil. In the case of considerate environment contamination, contact National protection and rescue directorate.			
6.3.	Methods and material	for containment and cleaning up		
6.3.1.	Bunding, covering of drains; capping Sand bags. procedures:			
6.3.2.	Cleaning up:	Where possible, soak up the product using inert matter, such as sand, silica gel, saw dust). Place the waste material in tightly closed impermeable containers. Store the substance in well ventilated storage rooms until disposal. Submit for disposal to the legal persons authorized by the Ministry of Environmental and Nature Protection. After disposal of the products, wash the area and and involved materials with water.		
6.3.3.	Other information:	Recovery of contaminated area should only be conducted by qualified person that uses stipulated protective equipment. Prevent the waste water from entering waterways.		
6.4.	Reference to other sections			
	See Section 7 for information about secure handling. See Section 8 for information about personal protective equipment. See Section 13 for information about containment.			

SECTIO	ON 7. Handling and storage			
7.1.	Precautions for safe handling			
7.1.1.	Protective measures			
	Measures to prevent fire:	Keep away from heat, flames and sparks. Secure proper ventilation.		
	Measures to prevent aerosol and dust generation:	Adequate ventilation of the rooms where the product is kept and handled. Containers must be firmly closed.		
	Measures to protect the environment:	Keep the containers firmly closed in vertical position when the product is not used. Prevent the product from entering waterways, sewerage and drainage systems by using barrage and semi-barrage made of sand, as well as covering the drainage by using plastic foil.		
	Other measures:	-		
7.1.2.	Advice on general occupational hygiene:			
	Do not eat, drink or smoke in the workspace. Thoroughly wash hands after work and before eating.			
7.2.	Conditions for safe storage, including any incompatib	ilities		



Page 5 of 16

Trade name:	POTASSIUM HYDROXIDE, SOLUTION				
Product code:	KHO-OT-X**	Date of compilation:	04 July 2019	Version:	3

	Technical measures and storage conditions:	In dry, cold and well-ventilated space. Containers must be firmly closed. Maintain adequate ventilation of the rooms where the product is kept and handled.		
	Packaging materials:	Manufacturer's original packaging.		
	Requirements for storage rooms and vessels:	Keep away from food and drink. Keep the containers tightly closed.		
	Advices for storage equipment:	Keep away from heat, flames, sparks and sunlight.		
	Further information on storage conditions:	Do not place the unused material in the storage room and do not use empty containers for storing other chemicals. Do not store with incompatible materials (see Section 9).		
7.3.	Specific end use(s)			
	Recommendations:	Secure stations for rinsing eyes and showering in the vicinity of work area.		
	Industrial sector specific solutions:	-		

SECTION 8. Ex	xposure	contro	ols/persona	l protec	tion			
8.1. Cont	rol para	meters						
Substance		CAS No			Occupational exposure limit values/short term values		ogical limit values	
					ppm	mg/m³		
Potassium hyc	Iroxide		1310-5	58-3	-/-	-/2		-
Substance name:	-					_		
EC No:	-		CAS No:	_				
DNEL								
					Industrial			
Route of expe	osure:		te effect local		cute effect systemic	Chronic e	ffect	Chronic effect systemic
Oral		-		-		-		-
Inhalation		1		-		-		-
Dermal		-		-		-		-
Critical physica	Critical physical parameters: solubility, flammability, corrosivity:							
					Consumer			
Route of exposure:			te effect local		cute effect systemic	Chronic e	ffect	Chronic effect systemic
Oral		-		-		_		-



BIOGNOST® SAFETY DATA STIELT According to Regulation (EC) No. 1907/2006

Page 6 of 16

Tue -l - ·				DOTACC		DOVIDE COLLIS		raç	ge 6 of 16
Trade na	me:					OROXIDE, SOLUT	ION		
Product o	code:	KHO-OT-X**		Date of compilation:		04 July 2019	V	ersion:	3
Inhalation		_				_		_	
Dermal		_				_		_	
PNEC									
	Environmental protection target								
Fresh wate					PNEC No infor	mation available			
Freshwate	r sedimer	nts				mation available			
Marine wa	ater					mation available			
Marine se	diments				No infor	mation available			
Food chai	n				No infor	mation available			
Microorga	nisms in	sewage treatment			No infor	mation available			
Soil (agric	ultural)	-			No infor	mation available			
Air					No infor	mation available			
8.2.	Exposure controls								
8.2.1.	Appro	priate engineering	g controls	3					
	measu	ance/mixture relatures to prevent exp gridentified uses:		Use the product in well ventilated rooms. Use personal protective equipment. Do not eat, drink or smoke in the workspace.					
	Struct	ural measures to pure:	orevent	In accordance with Section 7.					
		nisational measure: nt exposure:	s to	Organization of work in order to reduce other worker's influence during work process.					er's influence
	Techn expos	ical measures to p ure:	revent		Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels.				
8.2.2.	Persor	nal protection equ	ipment						
8.2.2.1.	Eye ar	nd face protection:		levels of	Safety glasses that stick to face (EN 166) or visor in case of lowe levels of concentration in air; protective gas mask that covers the entire face in case of higher levels of concentration in air.			nat covers the	
8.2.2.2.	Skin p	rotection							
		protection:		2016/42	25/EEC an Glove ma Glove thi	must be according d standard EN 374. Iterial: nitrile rubber ckness: ≥0.50 mm ough time: >480 m	r	e EU Dire	ctive
	Other	skin protection:		Wear ar	ntistatic cl g sleeves	othing made of nat (EN 13034), and sh	ural fi		



Page 7 of 16

Trade name:	POTASSIUM HYDROXIDE, SOLUTION				
Product code:	KHO-OT-X**	Date of compilation:	04 July 2019	Version:	3

8.2.2.3.	Respiratory protection:	Suitable mask or half mask equipped with a combined "A-P" filter and used when concentration levels exceed GVI.
8.2.2.4.	Thermal hazards:	No information available
8.2.3.	Environmental exposure controls	
	Substance/mixture related measures to prevent exposure:	See Section 6
	Structural measures to prevent exposure:	Use modern equipment.
	Organisational measures to prevent exposure:	Adapt the work process to the required working conditions of the workplace.
	Technical measures to prevent exposure:	See Section 6

Information on basic physical and chemical properties				
	Value	Method		
Physical state:	liquid	No information available		
Colour:	transparent	No information available		
Odour:	No information available	No information available		
Odour threshold;	No information available	No information available		
рН:	No information available	No information available		
Melting point / freezing poi	nt; No information available	No information available		
Initial boiling point and boili range:	ng No information available	No information available		
Flash point:	No information available	No information available		
Evaporation rate:	No information available	No information available		
Flammability (solid, gas):	No information available	No information available		
Jpper/lower flammability or explosive limits:	No information available	No information available		
/apour pressure:	No information available	No information available		
Vapour density:	No information available	No information available		
Relative density:		No information available		
Bulk density:	No information available	No information available		
Solubility(ies):	Soluble in water	No information available		
Partition coefficient: n- octanol/water (log Kow):	No information available	No information available		
Auto-ignition temperature:	No information available	No information available		



Page 8 of 16

Trade name:	POTASSIUM HYDROXIDE, SOLUTION				
Product code:	KHO-OT-X**	Date of compilation:	04 July 2019	Version:	3

	Decomposition temperature:	No information available	No information available
	Viscosity:	No information available	No information available
	Explosive properties:	No information available	No information available
	Oxidising properties:	No information available	No information available
9.2.	Other information		
	-		

SECTIO	N 10.: Stability and reactivity	
10.1.	Reactivity:	See subsections 10.3 through 10.5.
10.2.	Chemical stability:	The product is chemically stable under standard ambient conditions of storing and using.
10.3.	Possibility of hazardous reactions:	Hazard from strong reactions with: metals, strong acids, strong oxidizers.
10.4.	Conditions to avoid:	Direct sunlight. Sources of heat, sparks, ignition, and low temperature.
10.5.	Incompatible materials:	Metals.
10.6.	Hazardous decomposition products:	No information available.

SECTION 11. Toxic	cological information	n							
11.1. Information	n on toxicological eff	ects							
Acute toxi	oxicity:								
Route of exposure:	Method	$\begin{array}{c} \text{Effective} \\ \text{dose} \\ \text{LD}_{50}/\text{LC}_{50} \text{ or} \\ \text{ATE}_{\text{mixture}} \end{array}$		Exposure time		Results			
Oral:	No information available	rat (potassium hydroxide)	LD ₅₀	No information available		214 mg/kg			
Dermal:	No information available	rat (glycerol)	LD ₅₀	No information available		21900 mg/kg			
Inhalation:	No information available	rat (glycerol)	LC ₅₀	1h		570 mg/m ³			
Specific ta	rget organ toxicity – s	single exposure (STO	T SE):						
	Specific	effects	Target org	an		Note			
Oral:	No information ava	No information available		vailable	-				
Dermal:	ermal: No information available			No information available -					
Inhalation: No information available			No information available -						



Page 9 of 16

Trade name:		POTASSIUM HYDROXIDE, SOLUTION								
Product code:	KHO-OT-X**	Date of compilation:	04 July 2019	Version:	3					

Aspirati	Aspiration hazard:			May cause respiratory irritation.						
Irritatio	n and corrosion									
i i	Exp	osure time	Species	Evaluation	Method	Note				
Skin corrosion/irritation	burns.	serious skin	-	-	-	No information available				
Serious eye damage/irritation		serious eye	-	-	-	No information available				
Sensitiz	ation									
Dermal exposure	e: No informa	tion available								
Inhalation exposure:	No informa	tion available								
i										
Sympto			nical and toxicolog							
Oral exposure:		act irritation (na and stomach pe	ausea, diarrhea), b erforation.	urns in mouth an	nd digestive trac	t, hazard of				
Dermal exposure										
Inhalation exposure:			ranes of airways, b ciousness, headacl			ugh, shortness				
Eye exposure:	Tearing, irri	tation, pain in th	ne eye, clouded vi	sion, severe eye i	njury. Risk of lo	ss of vision.				
<u> </u>										
Repeate	ed dose toxicity	(subacute, subc	hronic, chronic)							
	Dose	Exposure time	Species	Method	Evaluation	Note				
Subacute oral	No informatio	n No information available	No information available	No information available	No information available	-				
Subacute dermal			No information available	No information available	No information available	-				
Subacute inhalation	No informatio	n No information available	No information available	No information available	No information available	-				
		No	No	No	No	••••				



properties:

SAFETY DATA SHEET According to Regulation (EC) No. 1907/2006

No

No

Page 10 of 16

Trade name:		POTASSIUM HYDROXIDE, SOLUTION						
Product code:	KHO-OT-X**	Date of compilation:	04 July 2019	Version:	3			

No

No

Subchronic dermal			information available	inform availab		information available	information available	on -
Subchronic inhalation			No information available	No inform availab		No information available	No information available	on -
Chronic oral	ronic oral No information available		No information available	No information available		No information available	No information available	on -
Chronic dermal	No info	ormation le	No information available	No inform availab		No information available	No information available	on -
Chronic inhalation	No info	ormation le	No information available	No inform availab		No information available	No information available	on -
Specific	target o		ity – repeated e	xposure	(STOT F			
Specific effects					Target orga		Note	
Subacute oral			mation available			ormation availa		-
Subacute dermal No information available						ormation availa		-
Subacute inhalati	on		mation available					
Subchronic oral	•		mation available					
Subchronic derm			mation available					_
Subchronic inhala	ation		mation available				-	
Chronic oral Chronic dermal			mation available				_	
Chronic inhalation	n		mation available		No information available			_
Chi Offic Illinaiatio	11	TWO IIIIOI	Thation available		INO IIII	omiadon avalla	DIC .	
CMR eff	ects (care	cinogenici	ity; mutagenicity	y; reprod	luctive t	oxicity)		
Carcino				-		- · ·		
Mutage	nicity <i>in-</i>	vitro:		-				
Genoto	kicity:			No info	ormatio	n available		
Mutage	nicity <i>in-</i>	vivo:		No info	ormatio	n available		
Germ ce	ell mutag	enicity:		No info	ormatio	n available		
Reprodu	uctive tox	cicity:		-				
Summai properti	•	valuation	of the CMR	No info	ormatio	n available		



Page 11 of 16

Trade name:		POTASSIUM HYDROXIDE, SOLUTION						
Product code:	KHO-OT-X**	Date of compilation:	04 July 2019	Version:	3			

11.2.	Practical experiences:							
	Classification observations:	No information available						
	Other observations:	No information available						
11.3.	General notes:							
	-							

12.1. Toxicity						
Acute (short-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish	LC ₅₀	96 hours	-	-	-	-
Crustacea:	EC ₅₀	48 hours	-	-	-	-
Algae/aquatic plants	IC ₅₀	72 hours	-	-	-	-
Other organisms	-	-	-	-	-	-
Chronic (long-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish	LC ₅₀	96 hours	-	-	No informatio n available	-
Crustacea:	EC ₅₀	48 hours	-	-	No informatio n available	-
Algae/aquatic plants	IC ₅₀	72 hours	-	-	No informatio n available	-
Other organisms	-	_	-	-	-	-

Abiotic degradation Degradation half-lives Method **Evaluation** Note No information available No information available No information available Marine water Fresh water No information available No information available No information available Air No information available Soil No information available



Page 12 of 16

Trade name:	POTASSIUM HYDROXIDE, SOLUTION							
Product code:	KHO-OT-X**	Date of compilation:	04 July 2019	Version:	3			

	Biodeg	radation								
% Deg	% Degradation Time (days) No information available Time (days)		N	Method		Evaluation	Note			
			mation	No information available		∼ :	No information available	No available	information	
12.3.			potentia		. // /	`				
Val		-			nt (log Kow			F l		Nata
No Vai	ue	Concent	lration	рН	°C	Method		Evaluation		Note
informa availab	ation	No infor available	mation	-	-	No informati available	ion	No information available	on No available	information e
		entratio	n factor (-		Method	0 0 0 0 0 0 0	Frankratian		
	/alue ormation	No i avail	Speci nformation		No information available			Evaluation o information vailable	No inforn	Note nation
		uvuii			avanak			Validable	avanable	
	Chronic	ecotoxi	city							
	Value		Do	se	Exposure Species			Method	Evaluation	Note
Chronic	c toxicity	on fish	LC ₅₀	1	o formation ⁄ailable	No information available	า	information i	No nformation available	-
Chronic toxicity on crustacea (Daphnia) EC ₅₀			o formation vailable	No information available	า	information i	No nformation available	-		
12.4.	Mohilit	y in soil								
±£, I,			cted distr	ibution	in environn	nental compart	tme	nts:		
		•	available							
		tension:								
	Valu	ıe	°C		Concentra	ation	N	Method	Note	



Page 13 of 16

Trade	name:			POTASSI	UM	1 HYDROXIDE	, SOLUTIC	N	
Product code: KHO-		KHO-OT-X**	O-OT-X** Date of compilation: 04 July 2019 Version: 3						
	No No information available available			No information	No information available No information			-	
	Adsor	ption	/ desorption						
Transpo	ort		D coefficient nry's constant	log Kow	E۱	aporation rate	Meth	od	Note
Soil-wa	at∆r :	No availab	information ble	No information available	No av	o information railable	No info	rmation	-
Water-	air	No availab	information ble	No information available		No information No info		rmation -	
Soil-air	-air No information available		No information available		No information No i available availal		rmation	_	
12.5	Б	()	DT						
12.5.			BT and vPvB asses	sment					
	1								
12.6.	Other	adver	se effects						
	No in	format	tion available						
13.1.			sal considerations atment methods	<u> </u>					
13.1.	vvas	ste trea	atment methods						
13.1.1.	Prod	duct/P	ackaging disposal	:					
		mit fo	r disposal to the le	egal person autho	rize	d by the Ministr	y of Enviror	nmental a	and Nature
13.1.2.			des/waste designa						
)1 10*: stance	: packaging that co es	ontains residual h	azar	dous substance	s or is conta	aminated	with hazardous
13.1.3.	\\/ac	te tre	atment – relevant	information:					
13.1.3.			nation available	iiioiiiiatioii.					
	INO		iation available						
1314	C	ام م م ما	isnosal – relevant	information					



Page 14 of 16

Trade name:		POTASSIUM HY	POTASSIUM HYDROXIDE, SOLUTION				
Product code:	KHO-OT-X**	Date of compilation:	04 July 2019	Version:	3		

	Waste must not be disposed of into the sewage system.			
13.1.5.	Other disposal recommendations:			
	Do not dispose of the product's remains into the sewage system. Submit the remains to the collectors authorized by the ministry in charge. Do not dispose of the packaging into the sewage system. Submit the packaging to the collectors authorized by the ministry in charge. Do not dispose of in places where ignition may occur.			
13.1.6. Relevant Community provisions:		ovisions:		
		gement Act, Ordinance on Waste Management, Regulation on categories, of waste with waste catalog and list of hazardous waste		
SECTION	N 14. Transport information	on		
	Transporting/shipment by	road (ADR)		
UN num	ber:	Not subject to transport regulations		
UN prop	er shipping name:	-		
Transpo	rt hazard class(es):	-		
Packing	group:	-		
Environn	nental hazards:	-		
Special precautions for user:		-		
	Transporting/shipment by	rail (RID)		
UN num	ber:	Not subject to transport regulations		
UN prop	er shipping name:	-		
Transpo	rt hazard class(es):	-		
Packing	group:	-		
Environn	nental hazards:	-		
Special p	precautions for user:	-		
	Transporting/shipment by	inland waterways (ADN)		
UN num	ber:	Not subject to transport regulations		
UN proper shipping name:		_		
Transport hazard class(es):		-		
Packing group:		-		
Environmental hazards:		-		
Special p	precautions for user:	-		
	Transporting/shipment by	sea (IMDG)		
UN num	ber:	Not subject to transport regulations		
UN prop	er shipping name:	-		



Page 15 of 16

Trade name:	POTASSIUM HYDROXIDE, SOLUTION				
Product code:	KHO-OT-X**	Date of compilation:	04 July 2019	Version:	3

Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	Not subject to transport regulations
Special precautions for user:	-
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:	-
Transporting/shipment by air (IC.	AO-TI/IATA-DGR)
UN number:	Not subject to transport regulations
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Further information: -	

SECTI	ON 15. Regulatory informa	ation		
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture			
	EU regulations	ions		
	Authorisations and/or res	strictions of use		
	Authorisations:	-		
	Restrictions:	-		
	Other EU regulations:	EC Regulation No. 1906/2007 and Directive (EC) No. 1272/2008 of the European Parliament and Council;		
		The European Commission Regulation No. 453/2006 of 2010 on changes and amendments to the Regulation (EC) No. 1907/2006 of the European Parliament and Council regarding registration, evaluation, authorization and restriction of chemicals (REACH);		
		EC Regulation No. 2037/200 of the European Parliament and Council from 29 June 2000 on substances that damage the ozone layer;		
		EC Regulation No. 689/2008 of the European Parliament and Council of 17 June 2008 concerning the export and import of dangerous chemicals;		
		EC Regulation No. 850/2004 of the European Parliament and Council from 29 April 2004 about persistent organic pollutants;		
		Directive 2008/98/EC of the European Parliament and Council from 19 November 2008 about waste and repeal of certain Directives		
	Information according 19 guideline)	99/13/EC about limitation of emissions of volatile organic compounds (VOC-		



Page 16 of 16

Trade name:	POTASSIUM HYDROXIDE, SOLUTION				
Product code:	KHO-OT-X**	Date of compilation:	04 July 2019	Version:	3

	National regulation:	Chemicals Act, Regulation on classification, packaging and labeling of dangerous substances, Ordinance on occupational exposure limit values and on biological limit values, Regulation on categories, types and classification of waste with a waste catalog and list of hazardous waste, Transport of Hazardous Substances Act	
15.2.	Chemical safety assessment		
	None		

SECTIO	ON 16. Other information				
16.1.	Indication of changes:	-			
16.2.	Abbreviations and acronyms:	PBT Stable, bioaccumulative and toxic vPvB Strongly stable and strongly bioaccumulative LD ₅₀ Lethal dose, 50% LC ₅₀ Lethal concentration, 50% STOT-SE Specific target organ toxicity – single exposure			
16.3.	Key literature references and source of data:	-			
16.4.	Classification and procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP)				
Classifi	ication	Classification procedure			
-		-			
16.5.	Relevant H statements (nun	nber and full text)			
	H290	May be corrosive to metals.			
	H: H302	Harmful if swallowed.			
	H314	Causes severe skin burns and eye damage.			
16.6.	Training advice: -				
16.7.	Further information:	** "X" in the product code marks different volumes (different packagings of the product) We are not responsible for consequences in case of failure to comply with instructions for use or improper use of the product described in this material safety data sheet.			

ANNEX:

EXPOSURE SCENARIO RESULTING TO CHEMICAL SAFETY ASSESSMENT

-