MACHEREY-NAGEL



Safety Data Sheet

according to Regulations 1907/2006/EC (REACh) and 2015/830/EU

REF: 91341	QUANTOFIX Peracetic acid 500	Page: 1/6
Printing date: 09.05.2017	Date of issue: 28.03.2017	

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

1.1	Product identifier	91341
	Product name	QUANTOFIX Peracetic acid 500
	REACH Registration number(s): A registration number for the subs the substance or its use is exclude	see SECTION 3.1/3.2 or tance(s) does not require registration or ed from registration.
		1 x 100 test strips
1.2	Relevant identified uses Product for analytical use. Exposure Scenario Classific The exposure scenario is in	e substance or mixture and uses advised against cation according REACh, RIP 3.2 Codes: SU 0-2, PC 21, PROC 15, AC 0 tegrated into sections 1-16. diagnostic use (IVD) or Accessory for medical use
1.3	Details of the supplier of the s Manufactured by: MACHEREY-NAGEL GmbH & Co. Neumann-Neander-Str. 6-8, 52355 Tel.: +49 2421 969 0	KG
1.4	Emergency telephone number Information not necessary.	r
	You find our current versions of SDS (22 lan	iguages) in Internet: http://www.mn-net.com/MSDS
SECTI	ON 2: Hazard identificatio	n
2.1	Classification of the substance	e or mixture
	100 test strips	
	Directive 1999/45/EC	
	Symbols	do not need labelling as hazardous
	CLP Directive 1272/2008/EC	
	GHS pictograms Signal word	do not need labelling as hazardous -
	No hazard class	
2.2	Label elements	
	100 test strips	
	Directive 1999/45/EC Symbols:	

MACHEREY-NAGEL

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Do not breathe dust.

CLP Directive 1272/2008/EC GHS pictograms: do not need labelling as hazardous Signal word: -

2.3 Other hazards

Possible Hazards from physicochemical Properties

According to our current status of knowledge and experience we state, that this product does not contain any substances, which in accordance with EC regulations 1272/2008/EC, 1907/2006/EC, 1999/45/EC and German Regulations for Hazardous goods have to be declared as dangerous goods, either because of their applied concentration or because of their total amount in anyone kit.

An individual package has considerably less hazardous potential.

Information pertaining to particular Risks to Human and possible Symptoms

Information pertaining to particular Risks to the Environment

Other Hazards

SECTION 3: Composition/Information on Ingredients

Substances or 3.2 Mixtures 3.1

100	test	stri	ps
-----	------	------	----

Chemical: cellulos	se		CAS No.: 9004-34-6
Concentration:	1 - <10 %		
Formula:	(C ₆ H ₁₀ O ₅) _n		
REACH Reg. No.:	exempt, Annex IV		
EC No.:	232-674-9		
RTECS:	FJ5691460		
TSCA Inventory: KE No.:	listed KE-05339		
acc. 1999/45/EC:	-	acc. CLP (GHS):	not necessary
	cals/mixture < 1%, no declaration nec	essary	CAS No.: -
Concentration	01-<1%		
Concentration: TSCA Inventory	0,1 - <1 % all <1%		
Concentration: TSCA Inventory: KE No.:	0,1 - <1 % all <1% listed		
TSCA Inventory:	all <1%	acc. CLP (GHS):	not necessary
TSCA Inventory: KE No.: acc. 1999/45/EC: Chemical: PVC fc	all <1% listed - <i>il (CAS 9002-86-2)</i>	acc. CLP (GHS):	not necessary CAS No.: -
TSCA Inventory: KE No.: acc. 1999/45/EC: Chemical: <i>PVC fc</i> Concentration:	all <1% listed - <i>ill (CAS 9002-86-2)</i> 95 - <100 %	acc. CLP (GHS):	,
TSCA Inventory: KE No.: acc. 1999/45/EC: Chemical: <i>PVC fc</i> Concentration: TSCA Inventory:	all <1% listed - <i>ill (CAS 9002-86-2)</i> 95 - <100 %		CAS No.: -
TSCA Inventory: KE No.: acc. 1999/45/EC: Chemical: <i>PVC fc</i> Concentration:	all <1% listed - <i>ill (CAS 9002-86-2)</i> 95 - <100 %	acc. CLP (GHS): acc. CLP (GHS):	,

3.3 Remarks

- - -

SECTION 4: First aid measures

4.1 Description of first aid measures

Place insured person out of danger zone to fresh air immediately.

4.1.1 After SKIN Contact

Not necessary. Remove dust with wetted tissue.

4.1.2 After EYE Contact

Not necessary. Rub dust with teardrops from eyes



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Printin	g date: 09.05.2017	Date of issue: 28.03.2017	
4.1.3	After INHALATION of Vapo Not necessary. After inhalation	urs on of dust fresh air should be inhaled.	
4.1.4	After ORAL Intake Not necessary.		
4.2	Most important symptom Avoid inhalation of dust	s and effects, both acute and delayed	
4.3	Indication of any immedia No additionally recommendations	ate medical attention and special treatment needed	
SEC	FION 5: Firefighting mea	asures	
5.1		he fire classification, and, if applicable, a fire blanket must be availabl OAM, WATER SPRAY, DRY POWDER, CARBON DIOXIDE can be u	
5.2	Special hazards arising f	rom the substance or mixture	
5.3	Advice for firefighters No, for listed product. Product page	skage burns like paper or plastic.	
5.4	Additional Information		
SEC	FION 6: Accidental relea	ise measures	
6.1	Personal precautions, pro	otective equipment and emergency procedures	
6.2	Environmental precaution not necessary	IS	
6.3	Methods and material for Clean working area with water. Fl	containment and cleaning up ush used water into drains.	
6.4	Reference to other sectio	ns	
SEC	FION 7: Handling and st	orage	
7.1	Precautions for safe hand Handling in accordance with the t	Jling est instruction, that comes with the product.	
7.2		ge, including any incompatibilities IACHEREY-NAGEL allows a safe storage. 11 1	
7.2.1	Requirements for Stock Ro Keep original product packag	oms and Containers les tightly closed during handling and storage.	
7.3	Specific end use(s) Product for analytical use. If CE labelling: Product for in-vitro	-diagnostic use (IVD) or Accessory for medical use	
SEC	FION 8: Exposure contr	ols/personal protection	
8.1	Control parameters		
	100 test strips Chemical: <i>cellulose</i> TRGS 900 (DE):	Staub 1.25 A / 4 E mg/m ³ E/e respirable	: 9004-34-6
	SUVA(CH) MAK value: NIOSH: [TWA] Time-weighted aver	3 a ppm TWA 10 (total) / 5 (resp) mg/m³ age to a reference period of 8 hours, [STEL] Short-term exposure limit related to a 15-n	ninute period
			www.mn-net.com



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Not necessary. 8.2.3 Eye Protection Not necessary. 8.2.4 Skin Protection Not necessary. 8.2.5 Personal Hygiene Information not necessary. 8.2.5 Personal Hygiene Information not necessary. 8.2.6 Personal Hygiene Information on basic physical and chemical properties 9.1 Information on basic physical and chemical properties 9.1 Information and the experiment of Substance Group Total Properties of Substance Group Total Properties of Substance Group Total Properties of Substance Group 9.2 Other information Relevant Properties of Substance Group Total Properties of Substance Group Group Substance Group Substance Group Gro	REF: 9134	41		QUANTOFIX Pera	acetic acid 500		Page: 4/6
Chemical: chemical: chemical: CAS No.:- Chemical: PVC full (CAS 9002-86-2) CAS No.:- CAS No.:- CAS No.:-	Printing d	ate: 09.05.2017		Date of issue: 28.	03.2017		
Chemical: chemical: chemical: CAS No.:- Chemical: PVC full (CAS 9002-86-2) CAS No.:- CAS No.:- CAS No.:-							
Chemical: PVC full (CAS 9002-86-2) CAS No C		OSHA:	ТМ	/A 15 (total) / 5 (resp) mg/m³			
8.2 Exposure controls Not necessary. 8.1 Respiratory Protection Not necessary. 8.2.3 Hand Protection Not necessary. 8.2.4 Not necessary. 8.2.5 Py Protection Not necessary. 8.2.6 Phrsonal Hygiene Information not necessary. 8.2.7 Personal Hygiene Information not necessary. 8.2.8 Physical and chemical properties 9.1 Information not basic physical and chemical properties 9.1 Information no basic physical and chemical properties 9.1 Information no basic physical and chemical properties 9.1 Information Basic physical and chemical properties 9.1 Information Relevant Properties of Substance Group ESECTION 19: Stability and reactivity 10.1 Relevant Properties of Substance Group None None 10.2 Chemical stability None 10.3 Possibility of hazardous reactions None. 10.4 Conditions to avoid T Intercessary. Avoid context with consentrated acids and oxidzing agents. 10.5 Incompatible materials Not necessary. None In the orignal package all partial/a reagents are safely and se		Chemical:	chemicals/mixture	< 1%, no declaration necessa	ry C	AS No.: -	
Not recessary. 8.2.1 Repratory Protection Not necessary. 8.2.2 Hand Protection Not necessary. 8.2.3 Eye Protection Not necessary. 8.2.4 Skin Protection Not necessary. 8.2.5 Personal Hygiene Information not necessary. 8.2.6 Personal Hygiene Information not basic physical and chemical properties 9.1 Information on basic physical and chemical properties 9.2 Other information Relevant Properties of Substance Group 		Chemical:	PVC foil (CAS 900	02-86-2)	C	AS No.: -	
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Not necessary: 8.2.3 See Protection Not necessary. 8.2.4 Skin Protection Not necessary. 8.2.5 Personal Hygiene Information not necessary. 8.2.6 Personal Hygiene Information on basic physical and chemical properties 9.1 Information on basic physical and chemical properties 100 test strips Appearance: solid Colour: colored Odor: odoriess 9.2 Other information Relevant Properties of Substance Group	8.2.1						
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Relevant Properties of Substance Group Join Reactivity None 10.1 Reactivity None 10.2 Chemical stability No known instability. 10.3 Possibility of hazardous reactions None. 10.4 Conditions to avoid Join Join Reactivity None. 10.3 Possibility of hazardous reactions None. 10.4 Conditions to avoid Joint Joint Recessary. Avoid contact with concentrated acids and oxidizing agents. 10.6 Hazardous decomposition products In the original package all parts/all reagents are safely and separated stored. Decompositions are not observed during the expiration period under recommended conditions. SECTION 11: Toxicological information 11.1 Information on toxicological effects Following information is valid for pure substances. Quantitative data on the toxicity of this product are not available. 100 test strips Chemication is valid for group contact Chemication is valid for group contact Target Organs: Exposure Routes: Infarted Organs: Symptons: Not necesses, in reliation, skin and/or eye contact Target Organs: Symptons: Not instability, contast: Symptons: In the original package and pack of explanton system </td <td></td> <td></td> <td></td> <td>Colour: colored</td> <td>Odor: odorless</td> <td></td> <td></td>				Colour: colored	Odor: odorless		
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Not necessary. Avoid contact with concentrated acids and oxidizing agents. 10.6 Hazardous decomposition products In the original package all parts/all reagents are safety and separated stored. Decompositions are not observed during the expiration period under recommended conditions. SECTION 11: Toxicological information 11.1 Information on toxicological effects Following information is valid for pure substances. Quantitative data on the toxicity of this product are not available. 100 test strips CAS No.: 9004-34-6 TSCA Inventory: Exposure Routes: inhalation, skin and/or eye contact Target Organs: Eyes, skin, respiratory system Symptoms: Eyes, skin, respiratory system Australia NICNAS: Not not listed Canada CEPA 1999: DSL yes			o avoid				
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11.1 Information on toxicological effects Following information is valid for pure substances. Quantitative data on the toxicity of this product are not available. 100 test strips Chemical: cellulose CAS No.: 9004-34-6 TSCA Inventory: listed California Proposition 65 List: not listed Exposure Routes: inhalation, skin and/or eye contact Target Organs: Eyes, skin, respiratory system Symptoms: irritation eyes, skin, mucous membrane Australia NICNAS: not listed Canada CEPA 1999: DSL yes	10.6	Hazardous d	decomposition parts/all rea	oroducts agents are safety and separate		ire not observed durii	ng the expiration
Following information is valid for pure substances. Quantitative data on the toxicity of this product are not available. 100 test strips Chemical: cellulose CAS No.: 9004-34-6 TSCA Inventory: listed California Proposition 65 List: not listed Exposure Routes: inhalation, skin and/or eye contact Target Organs: Eyes, skin, respiratory system Symptoms: irritation eyes, skin, mucous membrane Australia NICNAS: not listed Canada CEPA 1999: DSL yes	SECTIO	ON 11: Tox	icological inf	ormation			
Chemical:celluloseCAS No.: 9004-34-6TSCA Inventory:listedCalifornia Proposition 65 List: not listedExposure Routes:inhalation, skin and/or eye contactTarget Organs:Eyes, skin, respiratory systemSymptoms:irritation eyes, skin, mucous membraneAustralia NICNAS:not listedCanada CEPA 1999:DSL yes			•		data on the toxicity of this p	product are not availa	ble.
TSCA Inventory:listedCalifornia Proposition 65 List: not listedExposure Routes:inhalation, skin and/or eye contactTarget Organs:Eyes, skin, respiratory systemSymptoms:irritation eyes, skin, mucous membraneAustralia NICNAS:not listedCanada CEPA 1999:DSL yes		100 test strip	ps		-		
		TSCA Inven Exposure R Target Orga Symptoms:	ntory: list coutes: inh ans: Eye irrit	alation, skin and/or eye contac es, skin, respiratory system tation eyes, skin, mucous merr	Proposition 65 List: not listed t Ibrane	t	
		Australia NI	UNAS: not	Car Car	1ada CEPA 1999: DSL yes		



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Printing	g date: 09.05.2017	Date	e of issue: 28.03.2017		
	Japan CSCL/PRTF Japan PDSCL: South Korea TCCA Korea Exist.Chem. LD50 _{orl rat} : LC50 _{ihl rat} : LD50 _{drm rbt} :	not listed	Japan ISHL:	not listed	
	Chemical: TSCA Inventory: Korea Exist.Chem.	chemicals/mixture < 1%, no all <1% Inventory: listed	declaration necessary	CAS No.: -	
	Chemical: TSCA Inventory:	PVC foil (CAS 9002-86-2) listed		CAS No.: -	
SECT	ION 12: Ecologic	al information			
12.1	Toxicity Following information	is valid for pure substances			
	100 test strips Chemical: Water hazard Storage class			CAS No.: 9004-34-6	
	Chemical: Water hazard Storage class	class (DE): 1	%, no declaration necessary	CAS No.: -	
	Chemical:	PVC foil (CAS 9002-86	6-2)	CAS No.: -	
12.2	Persistence and d	legradability			
12.3	Bioaccumulative not necessary	potential			
12.4	Mobility in soil not necessary				
12.5	Results of PBT an no data available	nd vPvB assessment			
12.6	Other adverse effe				
	ION 13: Disposa	l considerations			
	ot necessary.				
13.1	Waste treatment r GENERAL: Empty solid	nethods s into municipal waste, empty	liquids diluted into drains.		
SECT	ION 14: Transpo	rt information			
	4.1 - 14.4 Not necessary				
14.5	Environmental ha not necessary	zards			

14.6 Special precautions for user



Version: 2.4.3

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according to Regulations 1907/2006/EC (REACh) and 2015/830/EU

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not necessary

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code not applicable

SECTION 15: Regulatory Information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- 15.2 Chemical safety assessment

SECTION 16: Other Information

16.1 List of R, H and P phrases

- 16.1.1 List of relevant R phrases
- 16.1.2 List of relevant H phrases
- 16.1.3 List of relevant P phrases
- 16.2 Training Advice

Regular safety training.

- 16.3 Recommended Restriction on Use
 - None

16.4 Further Information

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16.5 Sources of Key Data

Regulation 453/2010/EU REACH - REQUIREMENTS FOR THE COMPILATION OF SAFETY DATA SHEETS Regulation 487/2013/EU, 4th adaptation of CLP regulation to technical and scientific progress TRGS 900, German engineering rules governing limits in air at work, updated September 2016 SUVA .CH, Limits in air at work 2009, revised on 01.2009 KÜHN, BIRETT Merkblätter Gefährliche Arbeitsstoffe (Data Sheets of Hazardous Substances)

Revisions/Updates

Reason for Revision: 2016-03 Adaptation of regulation 1221/2015/EU

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