MACHEREY-NAGEI



Safety Data Sheet

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

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Printing date: 12.05.2021	Date of issue: 06.06.2018	

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

1.1	Product identifier	
	REF Product name	92137 pH-Fix indicator sticks pH 4.0 - 7.0/100
	REACH Registration number(s): A registration number for the sut the substance or its use is exclu	see SECTION 3.1/3.2 or stance(s) does not exist because the annual tonnage does not require registration or ded from registration.
		1 x 100 Indicator sticks
1.2	Relevant identified uses of tl	ne substance or mixture and uses advised against
	Relevant identified uses	
		fication according REACh, RIP 3.2 Codes: SU 0-2, PC 21, PROC 15, AC 0
		integrated into sections 1-16. -diagnostic use (IVD) or Accessory for medical use
	Uses advised against not described	5 () ,
	not described	
1.3	Details of the supplier of the	safatu data shaat
1.0	Manufactured by:	
	MACHEREY-NAGEL GmbH & Co Valencienner Str. 11, 52355 Düre	
	Tel.: +49 2421 969 0	E-mail: sds@mn-net.com (msds@mn-net.com)
1.4	Emergency telephone numb	er
	Information not necessary.	
	You find our current versions of SDS (22 la	anguages) in Internet: http://www.mn-net.com/SDS
SEC	TION 2: Hazard identification	on
2.1	Classification of the substan	ce or mixture
	100 Indicator sticks	
		Do not need labelling as hazardous
	Signal word	-
	No hazard class	
2.2	Label elements	
	100 Indicator sticks	
	Do not need labelling as Signal word: -	hazardous
2.3	Other hazards	
	Dessible bererds from abysics	abamical properties

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 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

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+1 484 821 0984 +1 484 821 1272 E-mail: sales-us@mn-net.com



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Other hazards

SECTION 3: Composition/information on ingredients

Substances or 3.2 Mixtures 3.1

100

Indica	ator sticks		
	Chemical: cellulos	Se la	CAS No.: 9004-34-6
	Classification:	No criteria for classification or naming of chemical not required.	
	Formula:	(C ₆ H ₁₀ O ₅) _n	
	TSCA Inventory:	listed	
	REACH Reg. No.:	exempt, Annex IV	
-	EC No.:	232-674-9	
	RTECS:	FJ5691460	
	KE No.:	KE-05339	
	Concentration:	1 - <10 %	
6	acc. CLP (GHS):	The criteria for classification are not fulfilled.	
		or dye(s)	CAS No.: -
	Classification:	No criteria for classification or naming of chemical not required.	
	Concentration:		
é	acc. CLP (GHS):	The criteria for classification are not fulfilled.	
(Chemical: PVC fo	il (CAS 9002-86-2)	CAS No.: -
	Classification:	No criteria for classification or naming of chemical not required.	
1	TSCA Inventory:	listed	
	,	95 - <100 %	
é	acc. CLP (GHS):	The criteria for classification are not fulfilled.	

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 Remove dust with wetted tissue. 4.1.2 After EYE Contact Rub dust with teardrops from eyes 4.1.3 After INHALATION of vapours After inhalation of dust fresh air should be inhaled. ---4.1.4 After ORAL Intake 4.2 Most important symptoms and effects, both acute and delayed 4.3 Indication of any immediate medical attention and special treatment needed No additionally recommendations. ---

SECTION 5: Firefighting measures

5.1 **Extinguishing media**

Fire extinguishers appropriate to the fire classification, and, if applicable, a fire blanket must be available in a prominent location in the work area. All extinguishers like FOAM, WATER SPRAY, DRY POWDER, CARBON DIOXIDE can be used.

5.2 Special hazards arising from the substance or mixture

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US: Tel.: +1 484 821 0984 Fax: +1 484 821 1272 E-mail: sales-us@mn-net.com



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None.

- 5.3 Advice for firefighters No, for listed product. Product package burns like paper or plastic. Additional information
- 5.4

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
- 6.2 **Environmental precautions** not necessary
- 6.3 Methods and material for containment and cleaning up Clean working area with water. Flush used water into drains.
- 6.4 **Reference to other sections**

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handling in accordance with the test instruction, that comes with the product.

- 7.2 Conditions for safe storage, including any incompatibilities The original product package of MACHEREY-NAGEL allows a safe storage. Storage class (VCI): 11 Water hazard class (DE): nwg
- 7.2.1 Requirements for stock rooms and containers Keep original product packages 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

SECTION 8: Exposure controls/personal protection

Control parameters 8.1

100 Indicator sticks Chemical: <i>cellulos</i> TRGS 900 (DE):		CAS No.: 9004-34-6
SUVA(CH) MAK valu NIOSH: [TWA] Time-weig	e: 3 a ppm TWA 10 (total) / 5 (resp) mg/m³ hted average to a reference period of 8 hours, [STEL] Short-	term exposure limit related to a 15-minute period
OSHA:	TWA 15 (total) / 5 (resp) mg/m³	
Chemical: indicate	or dye(s)	CAS No.: -
Chemical: PVC for	oil (CAS 9002-86-2)	CAS No.: -
Exposure controls Not necessary.		
Respiratory protecti	ion	

8.2.1 spiratory protection Not necessary. 8.2.2 Hand protection

Not necessary.

8.2.3 Eye protection

8.2

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	Not necessary.			
8.2.4	Skin protection Not necessary.			
8.2.5	Personal hygiene Information not necessary.			
SECT	ION 9: Physical and ch	emical properties		
9.1 Information on basic physical and chemical properties				
	100 Indicator sticks Appearance: solid	Colour: colored	Odor: odorless	
9.2	Other information Relevant Properties of Substan 	ce Group		
SECT	ION 10: Stability and re	eactivity		
10.1	Reactivity None			
10.2	Chemical stability No known instability.			
10.3	Possibility of hazardous None.	reactions		
10.4	Conditions to avoid Not known			
10.5	Incompatible materials Not known. Avoid contact with cor	ncentrated acids and oxidizing age	nts.	
10.6	Hazardous decompositio In the original package all parts/al period under recommended condi	I reagents are safety and separate	stored. Decompositions are not observed during the expirat	ion
SECT	ION 11: Toxicological i	nformation		
11.1	Information on toxicologi Following information is valid fo			

100 Indicator sticks

Chemical: c	cellulose		CAS No.: 9004-34-6
TSCA Inventory:	listed	California Proposition 65 List: no	ot listed
Exposure Routes:	inhalation, skin and/o	r eye contact	
Target Organs:	Eyes, skin, respirator	y system	
Symptoms:	irritation eyes, skin, n	nucous membrane	
Australia NICNAS:	not listed	Canada CEPA 1999: DS	SL yes
Japan CSCL/PRTR:	not listed, Japan PDS	SCL: not listed	
Japan ISHL:	not listed		
South Korea TCCA:	not listed		
Korea Exist.Chem.Inve	entory: KE-05339		
LD50 _{orl rat} :	>5000 mg/kg		
LC50 _{ihl rat} :	>5800 _{4h} mg/m³		
LD50 _{drm rbt} :	>2000 mg/kg		
Chemical: i	indiantar dua(a)		CAS No.: -
••••••	indicator dye(s)		CA3 NU
TSCA Inventory:	all listed, <1%		



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		PVC foil (CAS 9002-86-2) listed	CAS No.: -	
SECI	ION 12: Ecologica	information		
12.1	Toxicity			
		valid for pure substances.		
	100 Indicator sticks Chemical: Water hazard clas Storage class (VC		CAS No.: 9004-34-6	
	Chemical: Storage class (VC	indicator dye(s) CI): 12-13	CAS No.: -	
	Chemical:	PVC foil (CAS 9002-86-2)	CAS No.: -	
12.2	Persistence and dec not necessary	yradability		
12.3	Bioaccumulative po not necessary	tential		
12.4	Mobility in soil not necessary			
12.5	Results of PBT and no data available	vPvB assessment		
12.6	Other adverse effect no additional data available			
SECT	FION 13: Disposal c	onsiderations		
Ν	lot necessary.			
13.1	Waste treatment me GENERAL: Empty solids ir	thods to municipal waste, empty liquids diluted into dra	ins.	
SECT	ION 14: Transport	information		
1	4.1 - 14.4 Not necessary			
14.5	Environmental haza	rds		
14.6	Special precautions not necessary	for user		
14.7	Transport in bulk ac not applicable	cording to Annex II of MARPOL and	the IBC Code	
SECT	ION 15: Regulatory	/ information		
15.1	German act governing prot	ection from hazardous substances (Chemicals A	specific for the substance or mixture ct / Chemikaliengesetz- ChemG), revised on August 20 on Hazardous Substances / Gefahrstoffverordnung -	13

Look for your country-specific regulations. 15.2 Chemical safety assessment

GefStoffV), revised on November 2010, according to Directive 98/24/EC

MN Leaflet/User manual, also see www.mn-net.com

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SECTION 16: Other information

16.1 List of H and P phrases

- 16.1.1 List of relevant H phrases
- 16.1.2 List of relevant P phrases

16.2 Training advice

Regular safety training.

16.3 Recommended restriction on use

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 Regulation 669/2018/EU, 4th adaptation of CLP regulation to technical and scientific progress Regulation 1480/2018/EU, 4th adaptation of CLP regulation to technical and scientific progress TRGS 900, German engineering rules governing limits in air at work, updated 03/2019 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

