# MACHEREY-NAGEI



# **Safety Data Sheet**

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

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

1.1	Product identifier		
	REF	92111	
	Product name	pH-Fix 0-14 PT	
	REACH Registration number(s) A registration number for the s the substance or its use is exc	substance(s) does not exist b	1/3.2 or because the annual tonnage does not require registration or
		1 x 100 Indicator	sticks
1.2	Relevant identified uses of	the substance or	mixture and uses advised against
	Relevant identified uses		Ū
	Product for analytical use. Exposure Scenario Clas	sification according RE	ACh, RIP 3.2 Codes: SU 0-2, PC 21, PROC 15, AC 0
	The exposure scenario i If CE labelling: Product for in-vit		
	Uses advised against		
	not described		
1.3	Dataila of the suppliar of th	a aafatu data aha	et .
1.5	Details of the supplier of th Manufactured by:	e salety data she	et
	MACHEREY-NAGEL GmbH & (		
	Neumann-Neander-Str. 6-8, 523 Tel.: +49 2421 969 0	55 Dueren, GERMAN	E-mail: sds@mn-net.com (msds@mn-net.com)
1.4	Emergency telephone num	ber	
	Information not necessary.		
	You find our current versions of SDS (22	2 languages) in Internet:	http://www.mn-net.com/SDS
SEC	ΓΙΟΝ 2: Hazard identificat	ion	
2.1	Classification of the substa	nce or mixture	
	100 Indicator sticks		
		Do not need labe	lling as hazardous
	Signal word	-	
	No hazard class		
2.2	Label elements		
	100 Indicator sticks		
	Do not need labelling a Signal word: -	as hazardous	
2.3	Other hazards		
	Possible hazards from physic	ochemical 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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Other hazards

### **SECTION 3: Composition/information on ingredients**

#### Substances or 3.2 Mixtures 3.1

100

Indicator sticks Chemical: cellulo	ase	CAS No.: 9004-34-6
Classification:	No criteria for classification or naming of chemical not required.	
Formula:	(C <sub>6</sub> H <sub>10</sub> O <sub>5</sub> ) <sub>n</sub>	
TSCA Inventory:	listed	
REACH Reg. No.:	exempt, Annex IV	
EC No.:	232-674-9	
RTECS:	FJ5691460	
KE No.:	KE-05339	
Concentration:	1 - <10 %	
acc. CLP (GHS):	The criteria for classification are not fulfilled.	
Chamiesh indian	ten alva (a)	
	tor dye(s)	CAS No.: -
Classification: TSCA Inventory:	No criteria for classification or naming of chemical not required. all listed, <1%	
Concentration:		
acc. CLP (GHS):	The criteria for classification are not fulfilled.	
	oil (CAS 9002-86-2)	CAS No.: -
Classification:	No criteria for classification or naming of chemical not required.	
TSCA Inventory:	listed	
Concentration:	95 - <100 %	
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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-		
None.		

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

### **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**

### 8.1 Control parameters

<b>100 Indicato</b> Chemical: TRGS 900 (I	cellulose	Staub 1.25 A / 4 E mg/m³ E/e respirable	CAS No.: 9004-34-6
SUVA(CH) M NIOSH: [TWA]		3 a ppm TWA 10 (total) / 5 (resp) mg/m³ rage to a reference period of 8 hours, [STEL] Short-term expos	ure limit related to a 15-minute period
OSHA:		TWA 15 (total) / 5 (resp) mg/m³	
Chemical:	indicator dye(s	5)	CAS No.: -
Chemical:	PVC foil (CAS	9002-86-2)	CAS No.: -
Exposure con Not necessary.	ntrols		
Despiratory	nrotootion		

## 8.2.1 Respiratory protection Not necessary. 8.2.2 Hand protection

- 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 phys	sical and chemical properties	5
	<b>100 Indicator sticks</b> Appearance: solid	Colour: colored	Odor: odorless
9.2	Other information Relevant Properties of Substand	e Group	
SECT	ION 10: Stability and re	activity	
10.1	Reactivity <sub>None</sub>		
10.2	Chemical stability No known instability.		
10.3	Possibility of hazardous r None.	eactions	
10.4	Conditions to avoid Not known		
10.5	Incompatible materials Not known. Avoid contact with con	centrated acids and oxidizing agents.	
10.6	Hazardous decomposition In the original package all parts/all period under recommended condit	reagents are safety and separated sto	ored. Decompositions are not observed during the expiration
SECT	ION 11: Toxicological i	nformation	
11.1	Information on toxicologic Following information is valid fo 100 Indicator sticks		

	-			
Chemical:	cellulos	е		CAS No.: 9004-34-6
TSCA Inventory:		listed	California Proposition 65 List: not	listed
Exposure Routes:		inhalation, skin and/o	or eye contact	
Target Organs:		Eyes, skin, respirator	y system	
Symptoms:		irritation eyes, skin, n	nucous membrane	
Australia NICNAS:		not listed	Canada CEPA 1999: DSL	yes
Japan CSCL/PRTR:		not listed, Japan PDS	SCL: not listed	-
Japan ISHL:		not listed		
South Korea TCCA:		not listed		
Korea Exist.Chem.In	ventory:	KE-05339		
LD50 <sub>orl rat</sub> :		>5000 mg/kg		
LC50 <sub>ihl rat</sub> :		>5800 <sub>4h</sub> mg/m <sup>3</sup>		
LD50 <sub>drm rbt</sub> :		>2000 mg/kg		
Chemical:	indicato			CAS No.: -
TSCA Inventory:		all listed, <1%		

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	Chemical: TSCA Inventory:	PVC foil (CAS 9002-86-2) listed	CAS No.: -
SECI	ION 12: Ecologica	l information	
12.1	Toxicity Following information is	valid for pure substances.	
	<b>100 Indicator sticks</b> Chemical: Water hazard cla Storage class (V		CAS No.: 9004-34-6
	Chemical: Storage class (V	<i>indicator dye(s)</i> CI): 12-13	CAS No.: -
	Chemical:	PVC foil (CAS 9002-86-2)	CAS No.: -
12.2	Persistence and de not necessary	gradability	
12.3	Bioaccumulative po	otential	
12.4	Mobility in soil		
12.5	Results of PBT and	vPvB assessment	
12.6	Other adverse effect no additional data availab		
SECT	ION 13: Disposal	considerations	
N	lot necessary.		
13.1	Waste treatment me GENERAL: Empty solids i	ethods into municipal waste, empty liquids diluted	into drains.
SECT	ION 14: Transport	information	
1	4.1 - 14.4 Not necessary		
14.5	Environmental haza	ards	
14.6	Special precautions not necessary	s for user	
14.7	Transport in bulk a not applicable	ccording to Annex II of MARPOI	L and the IBC Code
SECT	ION 15: Regulator	y information	
15.1			lation specific for the substance or mixture nicals Act / Chemikaliengesetz- ChemG), revised on August 2013

German act governing protection from hazardous substances (Chemicals Act / Chemikaliengesetz- ChemG), revised on August 2013 German order governing protection from hazardous substances (Ordinance on Hazardous Substances / Gefahrstoffverordnung -GefStoffV), revised on November 2010, according to Directive 98/24/EC MN Leaflet/User manual, also see www.mn-net.com Look for your country-specific regulations.

#### 15.2 Chemical safety assessment



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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, 4<sup>th</sup> adaptation of CLP regulation to technical and scientific progress Regulation 669/2018/EU, 4<sup>th</sup> adaptation of CLP regulation to technical and scientific progress Regulation 1480/2018/EU, 4<sup>th</sup> 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

