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

1.1 Product identifier

<table>
<thead>
<tr>
<th>REF</th>
<th>91341</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product name</td>
<td>QUANTOFIX Peracetic acid 500</td>
</tr>
</tbody>
</table>

REACH Registration number(s): see SECTION 3.1/3.2 or
A registration number for the substance(s) does not exist because the annual tonnage does not require registration or the substance or its use is excluded from registration.

1 x 100 test strips

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses
Product for analytical use.

Exposure Scenario Classification according REACh, RIP 3.2 Codes: SU 0-2, PC 21, PROC 15, AC 0
The exposure scenario is integrated into sections 1-16.

If CE labelling: Product for in-vitro-diagnostic use (IVD) or Accessory for medical use
Uses advised against
not described

1.3 Details of the supplier of the safety data sheet

Manufactured by:
MACHEREY-NAGEL GmbH & Co. KG
Neumann-Neander-Str. 6-8, 52355 Düren, GERMANY
Tel.: +49 2421 969 0
E-mail: msds@mn-net.com

1.4 Emergency telephone number

Information not necessary.

You find our current versions of SDS (22 languages) in Internet: http://www.mn-net.com/MSDS

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

100 test strips

Directive 1999/45/EC

- Symbols
  do not need labelling as hazardous

CLP Directive 1272/2008/EC

GHS pictograms
  do not need labelling as hazardous

Signal word
- No hazard class

2.2 Label elements

100 test strips

Directive 1999/45/EC

- Symbols:
  -
SECTION 3: Composition/Information on Ingredients

3.1 Substances or 3.2 Mixtures

100 test strips

Chemical: cellulose  
Concentration: 1 - <10 %  
Formula: \( \text{C}_6\text{H}_{10}\text{O}_5 \)  
REACH Reg. No.: exempt, Annex IV  
EC No.: 232-674-9  
RTECS: FJ691460  
TSCA Inventory: listed  
KE No.: KE-05339  
acc. 1999/45/EC: -  
acc. CLP (GHS): not necessary  

Chemical: chemicals/mixture < 1%, no declaration necessary  
Concentration: 0.1 - <1 %  
TSCA Inventory: all <1%  
KE No.: listed  
acc. 1999/45/EC: -  
acc. CLP (GHS): not necessary  

Chemical: PVC foil (CAS 9002-86-2)  
Concentration: 95 - <100 %  
TSCA Inventory: listed  
acc. 1999/45/EC: -  
acc. CLP (GHS): not necessary

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
4.1.3 After INHALATION of Vapours
Not necessary. After inhalation of dust fresh air should be inhaled.

4.1.4 After ORAL Intake
Not necessary.

4.2 Most important symptoms and effects, both acute and delayed
Avoid inhalation of dust. ---

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
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
Not necessary.

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): 1

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

100 test strips
Chemical: cellulose
TRGS 900 (DE): Staub 1.25 A / 4 E mg/m³
E/e respirable
SUVA(CH) MAK value: 3 a ppm
NIOSH: TWA 10 (total) / 5 (resp) mg/m³

[TWA] Time-weighted average to a reference period of 8 hours, [STEL] Short-term exposure limit related to a 15-minute period

cas No.: 9004-34-6

www.mn-net.com
Safety Data Sheet  
according to Regulations 1907/2006/EC (REACH) and 2015/830/EU

REF: 91341  
Printing date: 09.05.2017

QUANTOFIX Peracetic acid 500  
Date of issue: 28.03.2017

Version: 2.4.3

OSHA:  
TWA 15 (total) / 5 (resp) mg/m³

Chemical:  
chemicals/mixture < 1%, no declaration necessary

Chemical:  
PVC foil (CAS 9002-86-2)

8.2 Exposure controls

Not necessary.

8.2.1 Respiratory 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.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

100 test strips
Appearance: solid  
Colour: colored  
Odor: odorless

9.2 Other information

Relevant Properties of Substance Group

SECTION 10: Stability and reactivity

10.1 Reactivity

None

10.2 Chemical stability

No known instability.

10.3 Possibility of hazardous reactions

None.

10.4 Conditions to avoid

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10.5 Incompatible materials

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

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

www.mn-net.com
SECTION 12: Ecological information

12.1 Toxicty
Following information is valid for pure substances.

100 test strips

Chemical: cellulose
Water hazard class (DE): nwg
Storage class (VCI): 11

Chemical: PVC foil (CAS 9002-86-2)
Water hazard class (DE): 1
Storage class (VCI): 12-13

12.2 Persistence and degradability
not necessary

12.3 Bioaccumulative potential
not necessary

12.4 Mobility in soil
not necessary

12.5 Results of PBT and vPvB assessment
no data available

12.6 Other adverse effects
no additional data available

SECTION 13: Disposal considerations

Not necessary.

13.1 Waste treatment methods
GENERAL: Empty solids into municipal waste, empty liquids diluted into drains.

SECTION 14: Transport information

14.1 - 14.4 Not necessary

14.5 Environmental hazards
not necessary

14.6 Special precautions for user
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

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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

MACHEREY-NAGEL GmbH & Co. KG provides the information contained herein in good faith being up-to-date of own realizations at revision time. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgement in determining its appropriateness for a particular purpose.

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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