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

1.1 Product identifier

REF: 91340
Product name: QUANTOFIX Peracetic acid 50

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: -
-
Safety Data Sheet
according to Regulations 1907/2006/EC (REACH) and 2015/830/EU

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S 22 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

3.1 Substances or 3.2 Mixtures
100 test strips
Chemical: cellulose
Concentration: 1 - <10 %
Formula: (C₆H₁₀O₅)ₙ
REACH Reg. No.: exempt, Annex IV
EC No.: 232-674-9
RTECS: FJS691460
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

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical</td>
<td>cellulose</td>
</tr>
<tr>
<td>CAS No.</td>
<td>9004-34-6</td>
</tr>
<tr>
<td>TRGS 900 (DE):</td>
<td>Staub 1.25 A / 4 E mg/m³</td>
</tr>
<tr>
<td>SUVA(CH) MAK value:</td>
<td>3 a ppm</td>
</tr>
<tr>
<td>NIOSH:</td>
<td>TWA (total) / 5 (resp) mg/m³</td>
</tr>
</tbody>
</table>

[TWA] Time-weighted 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: 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

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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
---

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
TSCA Inventory: 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
California Proposition 65 List: not listed
Canada CEPA 1999: DSL yes

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

12.1 Toxicity
Following information is valid for pure substances.

100 test strips

<table>
<thead>
<tr>
<th>Chemical: cellulose</th>
<th>Water hazard class (DE): nwg</th>
<th>Storage class (VCI): 11</th>
</tr>
</thead>
</table>

| Chemical: chemicals/mixture < 1%, no declaration necessary | Water hazard class (DE): 1 | Storage class (VCI): 12-13 |

<table>
<thead>
<tr>
<th>Chemical: PVC foil (CAS 9002-86-2)</th>
<th>Water hazard class (DE):</th>
<th>Storage class (VCI):</th>
</tr>
</thead>
</table>

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
Safety Data Sheet
according to Regulations 1907/2006/EC (REACH) and 2015/830/EU

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SECTION 14: Transport

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

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