

# Safety Data Sheet

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

REF: 91342

Printing date: 18.07.2022

QUANTOFIX Peracetic acid 2000

Date of issue: 15.03.2022

Page: 1/6

Version: 2.2.2.2

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

### 1.1 Product identifier

REF 91342  
Product name QUANTOFIX Peracetic acid 2000

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  
Valenciennner Str. 11, 52355 Düren, Germany  
Phone: +49 2421 969 0

E-mail: sds@mn-net.com (msds@mn-net.com)

### 1.4 Emergency telephone number

Information not necessary.

You find our current versions of SDS in Internet:

<http://www.mn-net.com/SDS>

## SECTION 2: Hazard identification

### 2.1 Classification for the complete product according to Regulation (EC) 1272/2008

100 test strips

Do not need labelling as hazardous

Signal word  
No hazard class

List of H phrases: see section 16.1

### 2.2 Label elements according regulation (EC) 1272/2008

100 test strips

Do not need labelling as hazardous

### 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 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

---



MACHEREY-NAGEL GmbH & Co. KG  
Valenciennner Str. 11  
52355 Düren · Germany  
[www.mn-net.com](http://www.mn-net.com)

DE Tel.: +49 24 21 969-0 [info@mn-net.com](mailto:info@mn-net.com)  
CH Tel.: +41 62 388 55 00 [sales-ch@mn-net.com](mailto:sales-ch@mn-net.com)  
FR Tel.: +33 388 68 22 68 [sales-fr@mn-net.com](mailto:sales-fr@mn-net.com)  
US Tel.: +1 888 321 62 24 [sales-us@mn-net.com](mailto:sales-us@mn-net.com)

# Safety Data Sheet

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

REF: 91342

Printing date: 18.07.2022

QUANTOFIX Peracetic acid 2000

Date of issue: 15.03.2022

Page: 2/6

Version: 2.2.2.2

Other hazards

---

## SECTION 3: Composition/information on ingredients

### 3.1 Substances or 3.2 Mixtures

#### 100 test strips

Chemical: *cellulose paper*

CAS No.: 9004-34-6

Classification: No criteria for classification or naming of chemical not required.

Formula:  $(C_6H_{10}O_5)_n$

TSCA Inventory: listed

REACH Reg. No.: exempt, Annex IV

EC No.: 232-674-9

RTECS: FJ5691460

KE No.: KE-05339

Concentration: 1 - <10 %

acc. CLP (GHS): The criteria for classification are not fulfilled.

Chemical: *chemicals/mixture < 1%*

CAS No.: -

Classification: No criteria for classification or naming of chemical not required.

TSCA Inventory: all listed, <1%

KE No.: listed

Concentration: 0,1 - <1 %

acc. CLP (GHS): The criteria for classification are not fulfilled.

Chemical: *PVC foil (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

When not listed, mixtures are added with water [CAS No. 7732-18-5] to 100%.

---

## 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. Not necessary.

#### 4.1.2 After EYE Contact

Rub dust with teardrops from eyes Not necessary.

#### 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

---

### 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.

# Safety Data Sheet

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

REF: 91342

QUANTOFIX Peracetic acid 2000

Page: 3/6

Printing date: 18.07.2022

Date of issue: 15.03.2022

Version: 2.2.2.2

## 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. No eating, drinking or smoking in work areas. Wash hands after use. Remove contaminated clothing before entering the area where you are eating.

### 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 paper*

CAS No.: 9004-34-6

TRGS 900 (DE): Staub 1.25 A / 4 E mg/m<sup>3</sup>

E/e respirable

SUVA(CH) MAK value: 3 a ppm

NIOSH: TWA 10 (total) / 5 (resp) mg/m<sup>3</sup>

[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/m<sup>3</sup>

Chemical: *chemicals/mixture < 1%*

CAS No.: -

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

CAS No.: -

### 8.2 Exposure controls

Not necessary.

#### 8.2.1 Respiratory protection

Not necessary.

#### 8.2.2 Hand protection

Not necessary.

# Safety Data Sheet

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

REF: 91342

QUANTOFIX Peracetic acid 2000

Page: 4/6

Printing date: 18.07.2022

Date of issue: 15.03.2022

Version: 2.2.2.2

- 8.2.3 Eye protection**  
Not necessary.
- 8.2.4 Skin protection**  
Not necessary.
- 8.2.5 Personal hygiene**  
Information not necessary.
- 8.3 Limitation and monitoring of environmental exposure**  
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

Not known. ---

### 10.5 Incompatible materials

Not known. 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 the hazard classes according regulation (EC) 1272/2008

Following information is valid for pure substances. Quantitative data on the toxicity of this product are not available.

#### 100 test strips

Chemical:	cellulose paper	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
Japan CSCL/PRTR:	not listed, Japan PDSCL: not listed	
Japan ISHL:	not listed	
South Korea TCCA:	not listed	
Korea Exist.Chem.Inventory:	KE-05339	
LD50 <sub>orl</sub> rat :	>5000 mg/kg	
LC50 <sub>ihl</sub> rat :	>5800 <sub>4h</sub> mg/m <sup>3</sup>	
LD50 <sub>drm</sub> rbt :	>2000 mg/kg	

# Safety Data Sheet

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

REF: 91342

QUANTOFIX Peracetic acid 2000

Page: 5/6

Printing date: 18.07.2022

Date of issue: 15.03.2022

Version: 2.2.2.2

Chemical: *chemicals/mixture < 1%*  
TSCA Inventory: all listed, <1%  
Korea Exist.Chem.Inventory: listed

CAS No.: -

Chemical: *PVC foil (CAS 9002-86-2)*  
TSCA Inventory: listed

CAS No.: -

## SECTION 12: Ecological information

### 12.1 Toxicity

Following information is valid for pure substances.

#### 100 test strips

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

CAS No.: 9004-34-6

Chemical: *chemicals/mixture < 1%*  
Water hazard class (DE): 1  
Storage class (VCI): 12-13

CAS No.: -

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

CAS No.: -

### 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

none

### 14.6 Special precautions for user

not necessary

### 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

not applicable

# Safety Data Sheet

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

REF: 91342

QUANTOFIX Peracetic acid 2000

Page: 6/6

Printing date: 18.07.2022

Date of issue: 15.03.2022

Version: 2.2.2.2

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

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](http://www.mn-net.com)  
Look for your country-specific regulations.

### 15.2 Chemical safety assessment

## 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

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.

MACHEREY-NAGEL GmbH & Co. KG makes NO REPRESENTATIONS or WARRANTIES, either expressed or implied, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly MACHEREY-NAGEL GmbH & Co. KG will not be responsible for damages resulting from use of or reliance upon this information. See terms and conditions at the end of our price lists for additional information.

### 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

Regulation 849/2021/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)

Regulation 878/2020/EU

#### Revisions/Updates

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

2022-11 Adaptation of regulation 878/2020/EU



MACHEREY-NAGEL GmbH & Co. KG  
Valenciennner Str. 11  
52355 Düren · Germany  
[www.mn-net.com](http://www.mn-net.com)

DE Tel.: +49 24 21 969-0 [info@mn-net.com](mailto:info@mn-net.com)  
CH Tel.: +41 62 388 55 00 [sales-ch@mn-net.com](mailto:sales-ch@mn-net.com)  
FR Tel.: +33 388 68 22 68 [sales-fr@mn-net.com](mailto:sales-fr@mn-net.com)  
US Tel.: +1 888 321 62 24 [sales-us@mn-net.com](mailto:sales-us@mn-net.com)