

# Safety Data Sheet

## SDS acc. Hazard Communication Standard

REF: 91319

QUANTOFIX Peroxide 25

Printing Date: 28.05.2020

Date of Issue: 14.02.2019

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### Section 1: Identification

#### 1.1 Product Identifier / Product Name

REF	91319
Product Name	QUANTOFIX Peroxide 25
-	
	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.

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 and 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: sds@mn-net.com (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/SDS>

### Section 2: Hazard(s) Identification

#### 2.1 Classification of the Substance(s) or Mixture(s)

##### 100 test strips

Signal Word	Do not need labelling as hazardous
-	

No Hazard Class

#### 2.2 Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

##### 100 test strips

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 GHS directives and EC regulations 1272/2008/EC, 1907/2006/EC 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

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##### Information pertaining to particular Risks to the Environment

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##### Other Hazards

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### Section 3: Composition/Information on Ingredients

#### 3.1 Substances or 3.2 Mixtures

##### 100 test strips

Chemical: *cellulose*  
 Classification: No criteria for classification or naming of chemical is not required.  
 Chemical Formula:  $(C_6H_{10}O_5)_n$   
 TSCA Inventory: listed  
 RTECS: FJ5691460  
 EC No.: 232-674-9  
 Weight Percent: 1 - <10 %  
 acc. GHS: The criteria for classification are not fulfilled.

CAS No.: 9004-34-6

Chemical: *chemicals/mixture < 1%*  
 Classification: No criteria for classification or naming of chemical is not required.  
 TSCA Inventory: all listed, <1%  
 Weight Percent: 0.1 - <1 %  
 acc. GHS: The criteria for classification are not fulfilled.

CAS No.: -

Chemical: *PVC foil (CAS 9002-86-2)*  
 Classification: No criteria for classification or naming of chemical is not required.  
 TSCA Inventory: listed  
 Weight Percent: 95 - <100 %  
 acc. GHS: The criteria for classification are not fulfilled.

CAS No.: -

#### 3.3 Remarks

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

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### 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 Vapors

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

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#### 4.3 Indication of any immediate Medical Attention and Special Treatment needed

No additionally recommendations. ---

### Section 5: Fire-Fighting Measures

#### 5.1 Extinguishable 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 WATER FOG, WATER SPRAY, alcohol-resistant FOAM, DRY CHEMICAL, 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.

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### 5.4 Additional Information

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## Section 6: Accidental Release Measures

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedure

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 sewer.

### 6.4 Reference to other Sections

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## 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 Conditions for Safe Storage, including any Incompatibilities

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

CAS No.: 9004-34-6

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 &lt; 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.

#### 8.2.3 Eye/Face Protection

Not necessary.

#### 8.2.4 Skin Protection

Not necessary.

#### 8.2.5 Hygiene Measures

Information not necessary.

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## Section 9: Physical and Chemical Properties

### 9.1 Information on Basic Physical and Chemical Properties

#### 100 test strips

a)	Appearance: solid	Color: colored	b) Odor: odorless
c)	Odor Threshold:	data not available	
d)	pH:	data not available	
e)	Melting Point:	data not available	
f)	Boiling Point:	data not available	
g)	Flash Point:	data not available	
h)	Evaporation Rate <sub>(ether=1)</sub> :	data not available	
i)	Flammability (solid, gas):	data not available	
j)	Explosive Limits:	data not available	
k)	Vapor Pressure (68°F):	data not available	
l)	Vapor Density <sub>(air=1)</sub> :	data not available	
m)	Specific Gravity:	data not available	
n)	Soluble in Water:	data not available	
o)	Partition Coefficient (o-w):	data not available	
p)	Autoignition Temperature:	data not available	
q)	Decomposition temperature:	data not available	
r)	Viscosity:	data not available	
s)	Explosive properties:	data not available	
t)	Oxidizing properties:	---	

### 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

Not known. ---

### 10.5 Incompatible Materials

Not necessary. Only avoid contact with concentrated acids. ---

### 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 chemicals. 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 Prop. 65 List:	not listed
Exposure Routes:	inhalation, skin and/or eye contact		
Target Organs:	Eyes, skin, respiratory system		
Symptoms:	irritation eyes, skin, mucous membrane		
Canada CEPA 1999:	DSL yes		
LD50 <sub>oral rat</sub> :	>5000 mg/kg		
LC50 <sub>inh rat</sub> :	>5800 <sub>4h</sub> mg/m <sup>3</sup>		
LD50 <sub>drm rbt</sub> :	>2000 mg/kg		

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Chemical:	<i>chemicals/mixture &lt; 1%</i>	CAS No.: -
TSCA Inventory:	all listed, <1%	
Chemical:	<i>PVC foil (CAS 9002-86-2)</i>	CAS No.: -
TSCA Inventory:	listed	

## Section 12: Ecological Information

### 12.1 Toxicity

Following information is valid for pure chemicals.

<b>100 test strips</b>		
Chemical:	<i>cellulose</i>	CAS No.: 9004-34-6
Chemical:	<i>chemicals/mixture &lt; 1%</i>	CAS No.: -
Chemical:	<i>PVC foil (CAS 9002-86-2)</i>	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

## Section 15: Regulatory Information

### 15.1 Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

#### U.S. Federal Regulations

OSHA "A Guide to The Globally Harmonized System of Classification and Labelling of Chemicals (GHS)"  
<https://www.osha.gov/dsg/hazcom/ghs.html>  
 29 CFR 1910.1200 Hazard communication.  
 MN Leaflet/User manual, also see [www.mn-net.com](http://www.mn-net.com)

### 15.2 Chemical Safety Assessment

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### Section 16: Other Information

#### 16.1 List of Hazard and Precaution 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.

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#### 16.5 Sources of Key Data

GHS: EU Regulation 1272/2008/EC on Classification, Labelling and Packaging of Substances and Mixtures, amending and repealing EU Directives 67/548/EEC and 1999/45/EC, and amending EU Regulation 1907/2006/EC

SDS: EU Regulation 453/2010/EU REACH - Requirements for the Compilation of Safety Data Sheets

KÜHN, BIRETT (German), Data Sheets of Hazardous Substances

#### Revisions/Updates

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

You find our current Versions of SDS in Internet:

<http://www.mn-net.com/SDS> [U.S. English]