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

1.1 Product identifier

<table>
<thead>
<tr>
<th>REF: 93005</th>
<th>MEDI-TEST Keton/50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product name</td>
<td>MEDI-TEST Keton/50</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 50 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.

Product for in-vitro-diagnostic use (IVD)
Uses advised against
not described

1.3 Details of the supplier of the safety data sheet

Manufactured by:
MACHELEY-NAGEL GmbH & Co. KG
Neumann-Neander-Str. 6-8, 52355 Dueren, 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 identification

2.1 Classification of the substance or mixture

50 test strips
Do not need labelling as hazardous

Signal word:
-

No hazard class

2.2 Label elements

50 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 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
Other hazards

SECTION 3: Composition/information on ingredients

3.1 Substances or 3.2 Mixtures

50 test strips

Chemical: **cellulose**
CAS No.: 9004-34-6
Classification: No criteria for classification or naming of chemical not required.
Formula: (C₆H₁₀O₅)ₙ
TSCA Inventory: listed
REACH Reg. No.: exempt, Annex IV
EC No.: 232-674-9
RTECS: FJ691460
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

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

4.1.2 After EYE Contact

4.1.3 After INHALATION of vapours

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

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

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 MACHEBREY-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.
Product for in-vitro-diagnostic use (IVD)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

<table>
<thead>
<tr>
<th>50 test strips</th>
<th>Chemical: cellulose</th>
<th>CAS No.: 9004-34-6</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRGS 900 (DE):</td>
<td>Staub 1.25 A / 4 E mg/m³</td>
<td></td>
</tr>
<tr>
<td>SUVA(CH) MAK value:</td>
<td>3 a ppm</td>
<td></td>
</tr>
<tr>
<td>NIOSH:</td>
<td>TWA 10 (total) / 5 (resp) mg/m³</td>
<td></td>
</tr>
<tr>
<td>OSHA:</td>
<td>TWA 15 (total) / 5 (resp) mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

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

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
50 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. Observe labeled storage temperature. ---

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 toxicological effects
Following information is valid for pure substances.
50 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
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/Orl rat: >5000 mg/kg
LC50/Ih rat: >5800 mg/m³
LD50/drm rat: >2000 mg/kg

Chemical: chemicals/mixture < 1%            CAS No.: -
TSCA Inventory: all listed, <1%
Korea Exist.Chem.Inventory: listed
SECTION 12: Ecological information

12.1 Toxicity
Following information is valid for pure substances.

50 test strips

- Chemical: cellulose, CAS No.: 9004-34-6
- Water hazard class (DE): nwg
- Storage class (VCI): 11

- Chemical: chemicals/mixture < 1%, CAS No.: -
- Water hazard class (DE): 1
- Storage class (VCI): 12-13

- 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

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

Look for your country-specific regulations.
Safety Data Sheet
according to Regulations 1907/2006/EC (REACH) and 2015/830/EU

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