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

1.1 Product identifier

REF: 90732
Product name: Silver test paper

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 200 strips test paper

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.

Uses advised against
not described

1.3 Details of the supplier of the safety data sheet

Manufactured by:
MACHEREY-NAGEL GmbH & Co. KG
Valenciener 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

200 strips test paper

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

200 strips test paper

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
---
SECTION 3: Composition/information on ingredients

3.1 Substances or 3.2 Mixtures

200 strips test paper

Chemical: cellulose paper
Classification: No criteria for classification or naming of chemical not required.
Formula: \((\text{C}_6\text{H}_{10}\text{O}_5)^n\)
TSCA Inventory: listed
REACH Reg. No.: exempt, Annex IV
EC No.: 232-674-9
RTECS: FJ5691460
KE No.: KE-05339
Concentration: 90 - <100 % acc. CLP (GHS): The criteria for classification are not fulfilled.

Chemical: chemicals/mixture < 1%
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.

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
Remove dust with wetted tissue.

4.1.2 After EYE Contact
Rub dust with teardrops from eyes

4.1.3 After INHALATION of vapours
After inhalation of dust fresh air should be inhaled. ---

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.

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

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. 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.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

   Chemical: cellulose paper
   TRGS 900 (DE): Staub 1.25 A / 4 E mg/m³
   E/r respirable
   SUVA(CH) MAK value: 3 a ppm
   NIOSH: TWA 10 (total) / 5 (resp) mg/m³
   OSHA: TWA 15 (total) / 5 (resp) mg/m³
   Chemical: chemicals/mixture < 1%

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 protection
   Information not necessary.

8.3 Limitation and monitoring of environmental exposure
   Information not necessary.
Safety Data Sheet
according to Regulations 1907/2006/EC (REACH) and 2015/830/EU

REF: 90732
Silver test paper
Printing date: 18.07.2022
Date of issue: 15.03.2022
Version: 2.2.2.2

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
200 strips test paper
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.
200 strips test paper
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
LD50orl rat : >5000 mg/kg
LC50inl rat : >580049, mg/m³
LD50brm 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.
SECTION 12: Physical and Chemical properties

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.

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
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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 849/2021/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
SUVU .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 879/2020/EU