

Safety Data Sheet

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

Phosphatesmo MI Page: 1/6

Printing date: 12.05.2021 Date of issue: 14.02.2019

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

1.1 **Product identifier**

REF 90612

Product name Phosphatesmo MI

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.

Uses advised against

not described

1.3 Details of the supplier of the safety data sheet

Manufactured by:

MACHEREY-NAGEL GmbH & Co. KG Valencienner Str. 11, 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 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

www.mn-net.com

US:

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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.

 $\begin{tabular}{lll} Formula: & $(C_6\ H_{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\ \% \\ \end{tabular}$

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

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.

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US:

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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

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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.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

50 test strips

Chemical: cellulose CAS No.: 9004-34-6

TRGS 900 (DE): Staub 1.25 A / 4 E mg/m³ E/e respirable

SUVA(CH) MAK value: 3 a ppm

NIOSH: TWA 10 (total) / 5 (resp) mg/m³

[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%</th>
 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.

Not necessary

8.2.3 Eye protection

Not necessary

8.2.4 Skin protection

Not necessary.

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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. ---

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: California Proposition 65 List: not listed listed

inhalation, skin and/or eye contact **Exposure Routes:** 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 >5800_{4h} mg/m³ LC50_{ihl rat}: >2000 mg/kg LD50_{drm rbt}:

Chemical: chemicals/mixture < 1% CAS No .: -

TSCA Inventory: all listed. <1%

Korea Exist.Chem.Inventory: listed

PVC foil (CAS 9002-86-2) CAS No .: -Chemical:

TSCA Inventory: listed

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IACHEREY-NAGEL



CAS No.: 9004-34-6

CAS No .: -

CAS No.: -

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SECTION 12: Ecological information

12.1 **Toxicity**

Following information is valid for pure substances.

50 test strips

Chemical:

nwg

Water hazard class (DE): Storage class (VCI):

Chemical: chemicals/mixture < 1%

Water hazard class (DE):

Storage class (VCI): 12-13

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

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**

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

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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

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

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

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