CHEREY-NAGE



Safety Data Sheet

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

REF: 90510	TRITEST L pH 1 - 11, rolls	Page: 1/8
Printing date: 22.11.2022	Date of issue: 15.03.2022	Version: 2.2.2.2

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

1.1 **Product identifier** REF 90510 no data available TRITEST L pH 1 - 11, rolls 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 5 m reel indicator paper (10 mm) 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 Phone: +49 2421 969 0 E-mail: sds@mn-net.com (msds@mn-net.com) Lieferant | Supplier: 1.4 Emergency telephone number <http://www.mn-net.com/Spssh GmbH + Co KG Call States - Content - Information not necessary. Schoemperlenstr. 3-5 . 76185 Karlsruhe, Germany You find our current versions of SDS in Internet: +49 721 5606 0

SECTION 2: Hazard identification

Classification of the complete product according to Regulation (EC) 1272/2008^{cherheit@carlroth.de} 2.0

2.1 Classification of the substance or mixture according to Regulation (EC) 1272/2008

5 m reel indicator paper (10 mm)

Signal word

Do not need labelling as hazardous

No hazard class

List of H phrases: see section 16.2

2.2 Label elements according regulation (EC) 1272/2008

5 m reel indicator paper (10 mm) Do not need labelling as hazardous Signal word: -

Label elements of the complete product

Signal word: -



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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

Possible endocrine disrupting effects no data available

SECTION 3: Composition / information on ingredients

3.1 Substances or 3.2 Mixtures

5 m reel indicator paper (10 mm) Substance name: cellulose paper

CAS No.:	9004-34-6
Substance rating: Formula: REACH Reg. No.: EC No.: Concentration: acc. CLP (GHS): Substance name: CAS No.:	No criteria for classification or naming of chemical not required. (C $_6$ H $_{10}$ O $_5$) n exempt, Annex IV 232-674-9 90 - <100 % The criteria for classification are not fulfilled. <i>indicator dye(s)</i> -
Substance rating: Concentration: acc. CLP (GHS):	No criteria for classification or naming of chemical not required. $0,1 - <1 \%$ 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%.List of H and P phrases: see section 16.2.

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
- After INHALATION of vapours
- 4.1.3 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. ---





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SECTION 5: Firefighting measures

5.1 Extinguishing media

- 5.1.1 Suitable 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.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.
 5.1.2 Unsuitable extinguishing media no data available
- 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

- Safe storage is guaranteed in the original packaging . Storage class (German chemical industry): see chapter 12.1

 Storage class (VCI):
 11

 Water hazard class (DE):
 nwg
- 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

 5 m reel indicator paper (10 mm)
 Chemical: cellulose paper
 CAS No.: 9004-34-6

 TRGS 900 (DE):
 Staub 1.25 A / 4 E mg/m³ E/e respirable
 CAS No.: 9004-34-6

 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



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	Chemical: <i>indicator dye(s)</i>		CAS No.: -	
3.2	Exposure controls Not necessary.			
.2.1	Respiratory protection Not necessary.			
.2.2	Skin protection / Hand protection Not necessary.	n		
.2.3	Eye / Face Protection Not necessary.			
.2.4	Skin protection Not necessary.			
.2.5	Personal hygiene Information not necessary.			
.2.6	Thermal hazards no data available			
3.3	Limitation and monitoring of Information not necessary.	environmental exposure		
SECT	ION 9: Physical and chem	ical properties		
).1	Information on basic physica	I and chemical properties		

a) State of aggregation:	
b) Colour:	colourless
c) Odor:	red
d) Melting point:	no data available
e) Boiling point:	no data available
f) Flammability:	no data available
g) Explosive limits (lower / upper):	no data available
h) Flash point:	no data available
i) Flashing temperature:	no data available
j) Decomposition temperature:	no data available
k) pH value:	no data available
 Kinematic viscosity: 	no data available
m) Solubility in water:	no data available
n) Dispersion coefficient (o/w):	no data available
o) Vapour pressure (20°C):	no data available
p) Specific gravity:	no data available
q) Relative vapour density (air=1):	no data available
r) Particle size:	no data available

9.2 Other information

Properties relevant to substance groups

SECTION 10: Stability and reactivity

- 10.1 Reactivity None
- 10.2 **Chemical stability**

no known instability.





CAS No .: -

CAS No.: 9004-34-6

CAS No .: -

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10.3	Possibility of hazardou None.	is reactions	
10.4	Conditions to avoid Not known.		
10.5	Incompatible materials Not known.	i	
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.		
SEC	FION 11: Toxicologica	al information	
11.1	Information on the haz	ard classes according regulation (EC) 1272 d for pure substances. Quantitative data on the toxicity of	

Chemical:indicator dye(s)TSCA Inventory:all listed, <1%</td>

11.2 Other hazards

Possible endocrine disrupting effects no data available

Other information no additional data available

SECTION 12: Ecological information

12.1 Toxicity

Following information is valid for pure substances.

 5 m reel indicator paper (10 mm)

 Chemical:
 cellulose paper

 Water hazard class (DE):
 nwg

 Storage class (VCI):
 11

Chemical: indicator dye(s) Storage class (VCI): 12-13

12.2 Persistence and degradability not necessary

12.3 Bioaccumulative potential

not necessary

12.4 Mobility in soil



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not necessary

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher

- 12.6 Endocrine disrupting properties no data available
- 12.7 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 Dangerous Substances Protection Act (DE: Chemikaliengesetz - ChemG), Aug 2013, Stand: Okt 2020 Ordinance on protection against dangerous substances (E: Gefahrstoffverordnung - GefStoffV), Nov 2010, Stand: Mrz 2017 MN leaflet/instructions for use, also at www.mn-net.com If necessary, observe other country-specific regulations.
- 15.2 Chemical safety assessment

SECTION 16: Other information

- **16.1** Changes compared to the last version in preparation
- 16.2 List of H and P phrases
- 16.2.1 List of relevant H phrases
- 16.2.2 List of relevant P phrases
- 16.3 Recommended restriction on use

16.4 Sources of key data

KÜHN, BIRETT leaflets on dangerous working materials

Directive 1999/92/EG Minimum requirements to improve the safety and health protection of workers at risk from potentially explosive atmospheres

SUVA .CH, limit values in the air at work 2009, revised on 01/2009 Regulation 790/2009/EU Adaptation of the CLP Regulation 1272/2008/EU to technical and scientific progress Regulation 453/2010/EU REACH – REQUIREMENTS FOR THE PREPARATION OF SAFETY DATA SHEET Regulation 487/2013/EU, 4. Adaptation of the CLP regulation to technical and scientific progress Regulation 669/2018/EU, 4. Adaptation of the CLP regulation to technical and scientific progress Regulation 1480/2018/EU, 4. Adaptation of the CLP regulation to technical and scientific progress



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TRGS 900, German engineering rules on limit values in the air at work, as of 03/2019 Regulation 878/2020/EU

Regulation 849/2021/EU, 4. Adaptation of the CLP regulation to technical and scientific progress

Revisions/Updates

Reason for revision:

2014-02 Corrected structure of the sections according to Regulation 453/2010/EU, if necessary 2014-04 Adjustment of Regulation 487/2013/EU 2016-03 Adjustment of Regulation 1221/2015/EU

2017-11 adaptation of the ECHA registration dossier 2022-11 Adjustment of Regulation 878/2020/EU

16.5 Further information

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16.6 Legend / Abbreviations

ADR: Convention concerning the International Carriage of Dangerous Goods by Road Act: acute BAT: biological workplace tolerance value CAO: Cargo Aircraft Only Carac: carcinogen CAS: Chemical Abstracts Service CLP: Classification, Labelling and Packaging regulation CMR: carcinogen, mutagen, reproduction toxic Corr: corrosive COD: chemical Substance Control Law (Jp) Dam: damage DNEL: Derived No-Effect Level (for workers) derm: dermal dog: dog EC10: Concentration causing a toxic effect in 10% of the test organisms EC: European Community EC-Nr: Substance number of the EC substance inventory EmS: Guide to accident management measures on ships EU: European Union fish: fish (not spezified) GHS: Global Harmonized System of Classification and Labeling of Chemicals gpg: guinea pig ICAO: International Civil Aviation Organization intra: intaled	acc:	according
BAT: biological workplace tolerance value CAO: Cargo Aircraft Only Care: carcinogen CAS: Chemical Abstracts Service CLP: Classification, Labelling and Packaging regulation CMR: carcinogen, mutagen, reproduction toxic Corr: corrosive COD: chemical oxigen demand CSCL: Chemical Substance Control Law (Jp) Dam: damage DNEL: Derived No-Effect Level (for workers) derm: dermal dog: dog EC: European Community EC-Nr: Substance number of the EC substance inventory EmS: Guide to accident management measures on ships EU: European Union fish: fish (not spezified) GHS: Global Harmonized System of Classification and Labeling of Chemicals gpg: guinea pig ICAO: International Civil Aviation Organization ih1: inhaled IMDG: International Maritime Dangerous Goods Code intrave: intraverionaeal ISHL: Industrial Safety and Health Law (Jp	ADR:	Convention concerning the International Carriage of Dangerous Goods by Road
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MACHEREY-NAGEL



Safety Data Sheet

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

TRITEST L pH 1 - 11, rolls	Page: 8/8
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PNEC: PROC 15: PRTR: PVC: quail: rat: rbt: RD: D:	Predicted No Effected Concentration Process category 'for laboratory use' Law for PRTR and Promotion of Chemical Management (Jp) polyvinyl chloride bird, quail rat rabbit rapidly degradable
RE:	repeated
REACh:	Registration, Evaluation, Authorisation and Restriction of Chemicals
REF:	item number, reference number
Reg.No.:	rRegistration number
Repr:	harmful to reproduction
Resp: RIP:	respiratory REACH Implementations Projects
SCU:	sub cutan
SDS:	safety data sheet
Sens:	sensitisation
STEL:	short term exposure limit
STOT:	Specific Target Organ Toxicity
SVHC:	Substance of Very High Concern
t/a:	tons per year
TCCA:	Toxic Chemicals Control Act (S. Korea)
Tox:	toxic
TSCA:	The Toxic Substances Control Act (US)
TWA:	time weighted average
TRGS:	technical regulations (DE)
vPvB:	very persistent, very bioaccumulating substance

16.7 Training advice

Regular safety training. Multiple safety training of staffs about danger and protection by using hazards in working area. Additionally training and introduction of staffs for using these products.



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