

Phoenix Systems LLC www.brakebleeder.com Safety Data Sheet

REF: 91304 Brake Fluid and Coolant Test Strips
Printing date: 03.09.2018

Page: 1/6

Date of issue: 06.06.2018

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

1.1 Product identifier

REF 91304
Product name Brake Fluid and Coolant Test Strips

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 100 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.

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 of the safety data sheet

Manufactured by:
Phoenix Systems LLC
1076 East Commerce Dr #400, St. George, UT 84790
Tel.: 800 749 7977

E-mail: sales@brakebleeder.com

1.4 Emergency telephone number

Information not necessary.

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

100 test strips

Signal word Do not need labeling as hazardous
-

No hazard class

2.2 Label elements

100 test strips

Do not need labeling 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

Phoenix Systems LLC www.brakebleeder.com Safety Data Sheet

REF: 91304
Test Strips

Brake Fluid and Coolant

Page: 2/6

Printing date: 03.09.2018

Date of issue: 06.06.2018

Other hazards

SECTION 3: Composition/information on ingredients

3.1 Substances or 3.2 Mixtures

100 test strips

Chemical: *cellulose* CAS No.: 9004-34-6
Classification: No criteria for classification or naming of chemical not required.
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 %
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

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

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 vapours

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

4.3 Indication of any immediate medical attention and special treatment needed

No additionally recommendations. ---

Phoenix Systems LLC www.brakebleeder.com Safety Data Sheet

REF: 91304
Test Strips

Brake Fluid and Coolant

Page: 3/6

Printing date: 03.09.2018

Date of issue: 06.06.2018

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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 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.

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

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%*

CAS No.: -

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

CAS No.: -

8.2 Exposure controls

Not necessary.

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Phoenix Systems LLC www.brakebleeder.com Safety Data Sheet

REF: 91304 Brake Fluid and Coolant Page: 4/6
Test Strips
Printing date: 03.09.2018 Date of issue: 06.06.2018

- 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 hygiene**
Information not necessary.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

100 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. Quantitative data on the toxicity of this product are not available.

100 test strips

Chemical:	<i>cellulose</i>	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 _{ihl} rat :	>5800 _{4h} mg/m ³	
LD50 _{drm} rbt :	>2000 mg/kg	

Phoenix Systems LLC www.brakebleeder.com

Safety Data Sheet

REF: 91304
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Brake Fluid and Coolant Test Strips
Date of issue: 06.06.2018

Page: 6/6

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**
Phoenix Systems LLC 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 judgment 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
TRGS 900, German engineering rules governing limits in air at work, updated 03/2018
SUVA .CH, Limits in air at work 2009, revised on 01.2009
KÜHN, BIRETT Merkblätter Gefährliche Arbeitsstoffe (Data Sheets of Hazardous Substances)