

Date of issue: 06.09.2018 Replaces Data Sheet of: ---
"*" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available

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

- 1.1 **Product identifier**
Trade Name: Venor®GeM Mycoplasma Detection Kit – Reaction Buffer
Article No.: 11-1025/-1050/-1100/1250, 11-8025/-8050/-8100/-8250, 11-9025/-9100/-9250, 11-91025/-91100/-91250
Preparation No.: n.av.
Registration No.: n.ap.
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against**
Identified uses: Mycoplasma PCR Detection Kit / Chemical kit
- 1.3 **Details of the supplier of the safety data sheet**
- 1.3.1 **Address of the Company / Supplier:**
Minerva Biolabs GmbH, Schkopauer Ring 13, D- 12681 Berlin
Telephone: +49 30 - 2000 437-0, Telefax: +49 30-2000 437-9, E-Mail: info@minerva-biolabs.com
- 1.3.2 **Responsible for the data sheet:**
CoSiChem AG, Ernst-Lemmer-Straße 23, D - 35041 Marburg, info@cosichem.de
- 1.4 **Emergency telephone number**
Emergency - Telephone of Company / Undertaking
Information Centre Specialising in Symptoms of Poisoning
Telephone: +49 30-2000 437-0 (08:30 – 16:30)
Notfallauskunft Deutschland
Giftnotruf München Toxikol. Abteilung, Klinikum rechts der Isar
Telefon: +49 89 19240; Telefax: +49 89 4140-2467
Telephone: +44 870 600 6266

SECTION 2: Hazards identification

- 2.1 **Classification of the substance or mixture**
None.
- 2.2 **Label elements**
Classification according to 1272/2008/EC: No.
Applicable Exemptions:
Signal word(s): n.ap. Hazard pictogram(s):
Component(s):
- H - Phrases:**
- P - Phrases:**
P308: IF exposed or concerned:
P312: Call a POISON CENTER/doctor if you feel unwell.
- Although this product does not require a hazard warning label, we recommend that the safety advice should be observed.
- Additional Markings:
- 2.3 **Other hazards**
This mixture contains no substances which are assessed to be PBT or vPvB.

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SECTION 3: Composition/information on ingredients

3.1 Substances

n.ap.

3.2 Mixtures

Chemical Characterisation:

Mixture, freeze-dried pellet, 50 µl

Dangerous Ingredients:

Material	CAS - No.	Index - No.	EC - No.	REACH - No.	m% - range
Potassium chloride	7447-40-7	n.av.	231-211-8	01-2119539416-36-xxxx	1 - 3%
Acute Tox. 4; H302 / Skin Irrit. 2; H315 / Eye Irrit. 2; H319					

Text of H - phrases: see section 16

m% - range: $x - y \triangleq x \geq - < y$

SECTION 4: First aid measures

4.1 Description of first aid measures

4.1.1 Inhalation:

n.ap.

4.1.2 Skin Contact:

In case of skin contact Wash off immediately with plenty of water.

4.1.3 Eye Contact:

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

4.1.4 Ingestion:

Clean mouth with water and afterwards drink plenty of water. Consult a physician for severe cases.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable Extinguishing Media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. The product itself does not burn.

5.1.2 Extinguishing Media to Avoid:

None.

5.2 Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon oxides.

5.3 Advice for firefighters

5.3.1 Special Protective Equipment:

Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.

5.3.2 Additional Information:

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Do not empty into drains.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

See chapter 8.2.2

6.2 Environmental precautions

Do not contaminate water. Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods and material for containment and cleaning up

Sweep up or vacuum up spillage and collect in suitable container for disposal.

6.4 Reference to other sections

None.

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SECTION 7: Handling and storage**7.1 Precautions for safe handling****7.1.1 Precautions for Safe Handling:**

When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use.
Wash hands before breaks and at the end of workday. Avoid contact with skin and eyes.

7.1.2 Precautions in Case of Fire and Explosion:

Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities**7.2.1 Storage Instructions:**

No special precautions required. Keep tightly closed.

7.2.2 Store away from:

Incompatible with oxidizing agents.

7.2.3 Further Information on Storage Conditions:

To maintain product quality, do not store in heat or direct sunlight.

7.3 Specific end use(s)

n.av.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

Material

Limit Value

8.2 Exposure controls**8.2.1 Appropriate engineering controls**

No special precautions required.

8.2.2 Individual protection measures

8.2.2a Respiratory Protection: Not required under normal use.

8.2.2b Hand Protection: Not required under normal use.

8.2.2c Eye Protection: In case of contact through splashing: safety glasses

8.2.2d Skin Protection: None.

8.2.2e Further Information: Observe wearing time limits:

8.2.3 Environmental exposure controls:

n.av.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

9.1.1 Form: solid

Colour: white

Odour: odourless

Odour threshold: n.av.

9.1.2 pH-value, undiluted: 8,5

pH-value, 1% aqueous solution: n.av.

9.1.3 Boiling point / Boiling - range (°C): n.av., **Melting point / Melting range (°C):** n.av.

9.1.4 Flash point (°C): n.ap., closed cup

9.1.5 Flammability (EEC A10/A13): n.av.

9.1.6 Ignition temperature (°C): n.av.

9.1.7 Autoflammability (EEC A16): n.ap.

9.1.8 Oxidising properties: n.ap.

9.1.9 Explosion hazard: None.

9.1.10 Explosion limits (Vol.%) lower: n.ap., upper: n.ap.

9.1.11 Vapour pressure: n.av.

Vapour density (Air = 1): n.av.

9.1.12 Density (g/ml): n.av.

9.1.13 Solubility (in Water): n.av.

9.1.14 Partition coefficient, n-Octanol / Water: n.av.

9.1.15 Viscosity: n.av.

9.1.16 Solvent content (m %): n.ap.

9.1.17 Thermal decomposition (°C): n.av.

9.1.18 Evaporation rate: n.av.

9.2 Other information

n.av.

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SECTION 10: Stability and reactivity

- 10.1 **Reactivity**
No information available.
- 10.2 **Chemical stability**
Stable under recommended storage conditions.
- 10.3 **Possibility of hazardous reactions**
No dangerous reaction known under conditions of normal use.
- 10.4 **Conditions to avoid**
Handle in accordance with good industrial hygiene and safety practice.
- 10.5 **Incompatible materials**
Incompatible with oxidizing agents.
- 10.6 **Hazardous decomposition products**
No decomposition if stored and applied as directed.
To avoid thermal decomposition, do not overheat.

SECTION 11: Toxicological information

- 11.1 **Information on toxicological effects**
Acute Health Effects:
- | | |
|------------------------------------|-------|
| Inhalation: | n.av. |
| Ingestion: | n.av. |
| Skin Contact: | n.av. |
| Skin corrosion / irritation: | None. |
| Serious eye damage / irritation: | None. |
| Respiratory or skin sensitisation: | None. |
| Germ cell mutagenicity: | n.av. |
| Carcinogenicity: | n.av. |
| Reproductive toxicity: | n.av. |
| STOT-single exposure: | n.av. |
| STOT-repeated exposure: | n.av. |
| Aspiration hazard: | n.av. |
- 11.1.1 – **Practical Experience**
- 11.1.11 n.av.
- 11.1.12 **Practical Experience**
Observations relevant for classification:
None.
Further Observations:
None.
Classification of the preparation has been done by calculation in accordance with EEC directives.

SECTION 12: Ecological information

- 12.1 **Toxicity**
We have no quantitative data concerning the ecological effects of this product.
- 12.2 **Persistence and degradability**
No data is available on the product itself.
- 12.3 **Bioaccumulative potential**
n.av.
- 12.4 **Mobility in soil**
n.av.
- 12.5 **Results of PBT and vPvB assessment**
This mixture contains no substances which are assessed to be PBT or vPvB.
- 12.6 **Other adverse effects**
- | | |
|--------------------------------|-----------------|
| 12.6.1 COD-Value, mg/g: | n.av. |
| 12.6.2 BOD5-Value, mg/g: | n.av. |
| 12.6.3 AOX-Remarks: | Not applicable. |
| 12.6.4 Significant Components: | None. |
| 12.6.5 Other adverse effects: | Not applicable. |

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SECTION 13: Disposal considerations**13.1 Waste treatment methods**

13.1.1 Recommendation: D 10 / R 2

Waste - Code - No.:

The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

In addition comply with the regional authorities.

13.1.2 Contaminated Packaging

Recommendation: Wash with suitable cleaner. Otherwise as described under Residues.

Safe Handling: As described under Residues. Handle in accordance with good industrial hygiene and safety practice.

SECTION 14: Transport information

	ADR	IMDG	IATA
	Not classified as dangerous in the meaning of transport regulations.		
14.1 UN number			
14.2 UN proper shipping name			
14.3 Transport hazard class(es)			
14.4 Packing group			
14.5 Environmental hazards			
14.6 Special precautions for user			
Transport category: Classification Code: Hazard - No.: LQ:			Packing Instructions (Passenger) Packing Instructions (Cargo)
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code			

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

n.av.

15.2 Chemical safety assessment :

n.ap.

SECTION 16: Other information**Text of H phrases mentioned in Section 3**

n.ap.

This datasheet has been compiled in accordance with EU regulation 2015/830.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

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