Safety Data Sheet in Accordance with regulation 2015/830

Date of issue: 10.01.2020 Replaces Data Sheet of: 17.02.2012
"*" 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: Mycoplasma Off™ Wipes
Article No.: n.av.
Preparation No.: n.av.
Registration No.: n.ap.

1.2 **Relevant identified uses of the substance or mixture and uses advised against**

* Identified uses: cleaning agent; Biocidal product: mykoplasma elimination

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, 12681 Berlin, Germany
* Telephone: +49 (0)30 2000 4370, Telefax: +49 (0)30 2000 4379, E-Mail: rc@minerva-biolabs.com

1.3.2 **Responsible for the data sheet:**

CoSiChem AG, Ernst-Lemmer-Straße 23, 35041 Marburg, info@cosichem.de

1.4 **Emergency telephone number**

Emergency - Telephone of Company / Undertaking
Giftnotruf München Toxikol. Abteilung, Klinikum rechts der Isar
Telephone: +49 89 19240; Telefax: +49 89 4140-246 (24 h)

National Poisons Information Service
Telephone: +44 121 507 4123

SECTION 2: Hazards identification

2.1 **Classification of the substance or mixture**

* Flam. Liq. 3; H226 / Eye Dam. 1; H318 / STOT SE 3; H336 / Skin Sens. 1A; H317

2.2 **Label elements**

Classification according to 1272/2008/EC: Yes. Classification is based on 100% liquid.
Applicable Exemptions: No.

* Signal word(s): Danger
Component(s): contains: Propan-1-ol

*Hazard pictogram(s):

H - Phrases:

* H226: Flammable liquid and vapour.
H318: Causes serious eye damage.
H336: May cause drowsiness or dizziness.
* H317: May cause an allergic skin reaction.

* **P - Phrases:**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.
P261: Avoid breathing vapours.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER/doctor.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P501: Dispose of contents / container to municipal collection point.

Additional Markings:

2.3 **Other hazards**

* This mixture contains no substances which are assessed to be PBT or vPvB.
* In use, may form flammable/explosive vapour-air mixture.

SECTION 3: Composition/information on ingredients

3.1 **Substances**

n.ap.

3.2 **Mixtures**

Chemical Characterisation:

Mixture; aqueous solution of biocides

* **Dangerous Ingredients:**

Material CAS - No. Index - No. EC - No. REACH - No. Hazard Code(s) / H - phrases	**m% - range**
Propan-1-ol 71-23-8 603-003-00-0 200-746-9 01-2119486761-29-xxxx Flam. Liq. 2; H225 / Eye Dam. 1; H318 / STOT SE 3; H336	**32,5%**
Ethanol 64-17-5 603-002-00-5 200-578-6 01-2119457610-43-xxxx Flam. Liq. 2; H225	**18%**
Glutaral 111-30-8 605-022-00-X 203-856-5 01-2119455549-26-xxxx Acute Tox. 2; H330 / Acute Tox. 3; H301 / STOT SE 3; H335 / Skin Corr. 1B; H314 / Resp. Sens. 1; H334 / Skin Sens. 1A; H317 / Aquatic Acute 1; H400 / Aquatic Chronic 2; H411	**0,1%**

Text of H - phrases: see section 16

m% - range: x – y ≙ x ≥ – < y

SECTION 4: First aid measures

4.1 **Description of first aid measures**

4.1.1 **Inhalation:**

Move to fresh air in case of accidental inhalation of vapours or decomposition products.
If symptoms persist, call a physician.

4.1.2 **Skin Contact:**

Wash off immediately with plenty of water.

* In the case of skin irritation or allergic reactions see a physician.

4.1.3 **Eye Contact:**

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

4.1.4 **Ingestion:**

* Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting.

* Consult a physician if necessary. Show this safety data sheet to the doctor in attendance.

4.2 **Most important symptoms and effects, both acute and delayed**

* Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

* May cause an allergic skin reaction. Causes serious eye damage.

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 dry chemical, CO_2, water spray or "alcohol" foam.

5.1.2 **Extinguishing Media to Avoid:**

High volume water jet. .

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 let product enter drains.

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SECTION 6: Accidental release measures

6.1 **Personal precautions, protective equipment and emergency procedures**
See chapter 8.2.2
Provide adequate ventilation. Do not smoke.

6.2 **Environmental precautions**
Do not allow material to contaminate ground water system.
Do not flush into surface water or sanitary sewer system.
Local authorities should be advised if significant spillages cannot be contained.

6.3 **Methods and material for containment and cleaning up**
* Use mechanical handling equipment. Keep in suitable, closed containers for disposal.

6.4 **Reference to other sections**
None.

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.
Do not breathe vapours or spray mist.

7.1.2 **Precautions in Case of Fire and Explosion:**
* Keep away from sources of ignition - No smoking.
* Take measures to prevent the build up of electrostatic charge.

7.2 **Conditions for safe storage, including any incompatibilities**

7.2.1 **Storage Instructions:**
* Keep containers tightly closed in a dry, cool and well-ventilated place.
* Keep in an area equipped with solvent resistant flooring.

7.2.2 **Store away from:**
Incompatible with oxidizing agents.

7.2.3 **Further Information on Storage Conditions:**
* Protect from frost, heat and sunlight. Provide adequate ventilation.

7.3 **Specific end use(s)**
n.av.

SECTION 8: Exposure controls/personal protection

8.1 **Control parameters**

Material	Limit Value
Ethanol	500 ppm | 960 mg/m³

8.2 **Exposure controls**

8.2.1 **Appropriate engineering controls**
* Provide appropriate exhaust ventilation at machinery.

8.2.2 **Individual protection measures**

8.2.2a* **Respiratory Protection:** Not required under normal use.
* In the case of vapour formation use a respirator with filter model A.

8.2.2b **Hand Protection:** Protective gloves complying with EN 374.
* Butyl-rubber (0,35 mm) break through time > 8 h
* The data about break through time/strength of material are standard values!
The exact break through time/strength of material has to be obtained from the producer of the protective glove.
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

8.2.2c* **Eye Protection:** Tightly fitting safety goggles

8.2.2d* **Skin Protection:** Long sleeved clothing

8.2.2e **Further Information:** Observe wearing time limits:

8.2.3 **Environmental exposure controls:**
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SECTION 9: Physical and chemical properties

9.1 **Information on basic physical and chemical properties**

9.1.1 **Form:** Liquid absorbed by inert carrier material **Colour:** of liquid: colourless **Odour:** of liquid: characteristic

Odour threshold: n.av.

9.1.2	pH-value, undiluted:		of liquid: 7
	pH-value, 1% aqueous solution:		n.av.
9.1.3*	Boiling point / Boiling - range (°C):		n.av., Melting point / Melting range (°C): n.ap.
9.1.4*	Flash point (°C):		of liquid: 26,5 , 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.av.
9.1.8	Oxidising properties:		None.
9.1.9	Explosion hazard:		None.
9.1.10*	Explosion limits (Vol.%)	lower:	3,5 (Ethanol) / 2,1 (Propan-1-ol),
*		upper:	15 (Ethanol) / 13,5 (Propan-1-ol)
9.1.11	Vapour pressure:		n.av.
*	Vapour density (Air = 1):		Vapours are heavier than air.
9.1.12*	Density (g/ml):		of liquid: 0,9
9.1.13	Solubility (in Water):		of liquid: miscible
9.1.14	Partition coefficient, n-Octanol / Water:		n.av.
9.1.15	Viscosity:		n.av.
9.1.16	Solvent content (m %):		of liquid: 40 – 50
9.1.17	Thermal decomposition (°C):		n.av.
9.1.18	Evaporation rate:		n.av.

9.2 **Other information**

n.av.

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**

* In use, may form flammable/explosive vapour-air mixture.

10.4 **Conditions to avoid**

Heat, flames and sparks. Strong sunlight for prolonged periods.

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.

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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:	n.av.
	Serious eye damage / irritation:	Causes serious eye damage.
*	Respiratory or skin sensitisation:	May cause an allergic skin reaction.
	Germ cell mutagenicity:	n.av.
	Carcinogenicity:	n.av.
	Reproductive toxicity:	n.av.
	STOT-single exposure:	May cause drowsiness or dizziness.
	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.
* Ecological injuries are not known or expected under normal use.
12.2 **Persistence and degradability**
* May be separated mechanically in waste water plants.
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.

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.
13.2 **Contaminated Packaging**
13.2.1 Recommendation: Wash with suitable cleaner. Otherwise as described under Residues.
13.2.2 Safe Handling: As described under Residues.

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SECTION 14: Transport information

	ADR	IMDG	IATA
	Special provision 216. Not dangerous goods according to ADR / RID, IMDG-Code, IATA.		
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
EUH071: Corrosive to the respiratory tract.
H225: Highly flammable liquid and vapour.
H301: Toxic if swallowed.
H314: Causes severe skin burns and eye damage.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H330: Fatal if inhaled.
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.
H410: Very toxic to aquatic life with long lasting effects.

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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Receipt of Data: 17.01.2012, mib_0002_a