

Date of issue: 30.04.2021 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: Bartscher Milchleitungsreiniger 1 L
Article No.: 173282
Preparation No.: 004-3
Registration No.: n.ap.
UFI - Code: C3VU-W1F7-400H-XWFR
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against**
Identified uses: cleaning agent / milk system cleaner
- 1.3 **Details of the supplier of the safety data sheet**
- 1.3.1 **Address of the Company / Supplier:**
Bartscher GmbH, Franz-Kleine-Straße 28, 33154 Salzkotten, Germany
Telephone: +49 (0) 5258 971 - 0, E-Mail: info@bartscher.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
Telephone: +49 (0) 5258 971 - 0 (8:00 – 16:30)
National Poisons Information Service
Telephone: +44 121 507 4123

SECTION 2: Hazards identification

- 2.1 **Classification of the substance or mixture**
Skin Irrit. 2; H315 / Eye Irrit. 2; H319
- 2.2 **Label elements**
Classification according to 1272/2008/EC: Yes.
Applicable Exemptions: Yes.
Signal word(s): Warning
Component(s):
*Hazard pictogram(s):
- H - Phrases:**
H315: Causes skin irritation.
H319: Causes serious eye irritation.
- P - Phrases:**
P102: Keep out of reach of children.
P101: If medical advice is needed, have product container or label at hand.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
P302+P352: IF ON SKIN: Wash with plenty of water/...
P332+P313: If skin irritation occurs: Get medical advice/attention.
- 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:**

Aqueous surfactant solution. alkaline

Dangerous Ingredients:

Material	Index - No.	EC - No.	REACH - No.	m% - range
CAS - No. Hazard Code(s) / H - phrases				
Potassium hydroxide 1310-58-3 Acute Tox. 4; H302 / Skin Corr. 1A; H314	019-002-00-8	215-181-3	01-2119487136-33-xxxx	0,5 - 2%
Octanoic acid, compound with 2-aminoethanol (1:1) 28098-03-5 Skin Irrit. 2; H315 / Eye Irrit. 2; H319	n.a.	248-838-8	n.v.	1 - 5%

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:**

Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.

4.1.2 Skin Contact:

Rinse with water. If skin irritation persists, call a physician.

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 eye irritation persists, consult a specialist.

4.1.4 Ingestion:Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting.
Call a physician immediately. Show this safety data sheet to the doctor in attendance.**4.2 Most important symptoms and effects, both acute and delayed**Ingestion may cause nausea, vomiting, sore throat, stomach-ache and eventually lead to a perforation of the intestine. Ingestion causes irritation of upper respiratory system and gastrointestinal disturbance.
Causes skin irritation. Causes serious eye irritation.**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, CO₂, water spray or "alcohol" foam.**5.1.2 Extinguishing Media to Avoid:**

None.

5.2 Special hazards arising from the substance or mixtureIn the event of fire the following can be released: Carbon oxides nitrogen oxides (NO_x).**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.

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SECTION 6: Accidental release measures

- 6.1 **Personal precautions, protective equipment and emergency procedures**
See chapter 8.2.2
Contaminated surfaces will be extremely slippery.
- 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**
Soak up with inert absorbent material (e.g. sand, universal binder, sawdust).
Shovel into suitable container 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:**
Avoid contact with skin and eyes. Take off all contaminated clothing immediately.
When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday.
When diluting, always add the product to water. Never add water to the product.
- 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:**
Keep container tightly closed in a dry and well-ventilated place.
Keep in an area equipped with alkali resistant flooring.
- 7.2.2 **Store away from:**
Do not store near acids. strong oxidizing agents
- 7.2.3 **Further Information on Storage Conditions:**
None.
- 7.3 **Specific end use(s)**
n.av.

SECTION 8: Exposure controls/personal protection

- 8.1 **Control parameters**

Material	Limit Value
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- 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.
- 8.2.2b **Hand Protection:** Protective gloves complying with EN 374.
Butyl-rubber (0,5 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 **Colour:** colourless - light yellow **Odour:** characteristic

Odour threshold: n.av.

9.1.2 pH-value, undiluted: 10,5 – 11
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): No.

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

9.1.7 Autoflammability (EEC A16): No.

9.1.8 Oxidising properties: No.

9.1.9 Explosion hazard: n.ap.

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

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

9.1.12 Density (g/ml): ~ 1

9.1.13 Solubility (in Water): miscible

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.

SECTION 10: Stability and reactivity

10.1 **Reactivity**
No information available.

10.2 **Chemical stability**
Stable under normal conditions.

10.3 **Possibility of hazardous reactions**
No dangerous reaction known under conditions of normal use.

10.4 **Conditions to avoid**
No conditions to be specially mentioned.

10.5 **Incompatible materials**
Incompatible with strong acids and 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: Causes skin irritation.
 Serious eye damage / irritation: Causes serious eye irritation.
 Respiratory or skin sensitisation: n.av.
 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

Contained tenside is more than 60% biodegradable.
 Solutions with high pH-value must be neutralized before discharge.

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: D10
 Waste - Code - No.: 20 01 29
 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
	Not a dangerous substance as defined in the above regulations. ¹⁾ The information is based on our own tests.		
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

H302: Harmful if swallowed.
 H314: Causes severe skin burns and eye damage.

Literature:

1) Prüfprogramm Nr. 15, InnoCent International GmbH, Eimeldingen, Germany

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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