

Date of issue: 29.11.2019 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:** ClearLake  
**Article No.:** n.av.  
**Preparation No.:** BG-P-TEICHKLAR-(1)  
**Registration No.:** n.ap.
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against**  
 Identified uses: Pond care
- 1.3 **Details of the supplier of the safety data sheet**
- 1.3.1 **Address of the Company / Supplier:**  
 Oase GmbH, Tecklenburger Straße 161, 48477 Hörstel, Germany  
 Telephone: +49 (5454) 800, Telefax: +49 (5454) 8090, E-Mail: m.dreyer@oase-livingwater.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 National Poisons Information Service  
 Telephone: +49 (5454) 80450 Telephone: +44 121 507 4123  
 Markus Dreyer, Forschung und Entwicklung (8:30 – 16:30)

## 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:**  
 P102: Keep out of reach of children.  
 P262: Do not get in eyes, on skin, or on clothing.
- Although this product is not subject to classification, we recommend compliance with safety recommendations.
- 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 of inorganic salts organic materials and bacteria.

**Dangerous Ingredients:**

<b>Material</b>				<b>m% - range</b>
CAS - No.	Index - No.	EC - No.	REACH - No.	
Hazard Code(s) / H - phrases				
<b>Potassium chloride</b>				<b>1 – 5%</b>
7447-40-7	n.av.	231-211-8	01-2119539416-36-xxxx	
Acute Tox. 4; H302 / Skin Irrit. 2; H315 / Eye Irrit. 2; H319				
<b>Bacteria (Risk group 1)</b>				<b>5 – 10%</b>
n.av.	n.av.	n.av.	n.ap.	
n.ap.				

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 symptoms persist, 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 symptoms persist, call a physician.

**4.1.4 Ingestion:**

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

If symptoms persist, call a physician.

**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 dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam.**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: respirable dust 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:**

The product itself does not burn.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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  
Avoid dust formation.
- 6.2 **Environmental precautions**  
Do not allow material to contaminate ground water system. Do not contaminate surface water.  
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. Avoid dust formation. 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:**  
Do not breathe dust. Avoid contact with the skin and the eyes.  
Take off all contaminated clothing immediately.  
Wash hands before breaks and at the end of workday.  
When using, do not eat, drink or smoke.
- 7.1.2 **Precautions in Case of Fire and Explosion:**  
No special precautions required.
- 7.2 **Conditions for safe storage, including any incompatibilities**
- 7.2.1 **Storage Instructions:**  
Keep tightly closed in a dry and cool place. Keep at temperatures below 30°C.  
Formulated product is hygroscopic. Protect against humid air and water.
- 7.2.2 **Store away from:**  
Never allow product to get in contact with water during storage.
- 7.2.3 **Further Information on Storage Conditions:**  
Extremes of temperature and direct sunlight.
- 7.3 **Specific end use(s)**  
n.av.

**SECTION 8: Exposure controls/personal protection**

- 8.1 **Control parameters**
- | Material           | Limit Value   |
|--------------------|---|
| Potassium chloride | TLV dust: 10 mg/m³ (respirable fraction);<br>3 mg/m³ (alveole passing fraction) |
- 8.2 **Exposure controls**
- 8.2.1 **Appropriate engineering controls**  
Provide for appropriate exhaust ventilation and dust collection at machinery.
- 8.2.2 **Individual protection measures**
- 8.2.2a **Respiratory Protection:** Not required under normal use.  
In the case of respirable dust, use self-contained breathing apparatus.
- 8.2.2b **Hand Protection:** Repeated or prolonged exposure: Protective gloves complying with EN 374.  
The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.  
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:** Safety glasses
- 8.2.2d **Skin Protection:** No.
- 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:** powder **Colour:** colourless **Odour:** odourless**Odour threshold:** n.av.

- 9.1.2 pH-value, undiluted: n.av.  
 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.av., closed cup  
 9.1.5 Flammability (EEC A10/A13): No.  
 9.1.6 Ignition temperature (°C): No.  
 9.1.7 Autoflammability (EEC A16): No.  
 9.1.8 Oxidising properties: No.  
 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): soluble  
 9.1.14 Partition coefficient, n-Octanol / Water: n.ap.  
 9.1.15 Viscosity: n.ap.  
 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**  
 Protect against humid air and water.  
 10.5 **Incompatible materials**  
 Incompatible with acids and bases.  
 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: Slight

Serious eye damage / irritation: May cause eye irritation with susceptible persons.

Respiratory or skin sensitisation: No.

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

11.1.1.1 n.av.

11.1.1.2 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

Ecological injuries are not known or expected under normal use.

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: n.ap.

12.6.5 Other adverse effects: Not applicable.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

13.1.1 Recommendation: D10/ R4

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

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

2000/54/EC  
2010/32/EU

**15.2 Chemical safety assessment :**  
n.ap.

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

H302: Harmful if swallowed.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

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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