

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: SeDox
Article No.: n.av.
Preparation No.: BG-P-SEDOX-(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**
 Eye Dam. 1; H318
- 2.2 **Label elements**
 Classification according to 1272/2008/EC: Yes.
 Applicable Exemptions: No.
 Signal word(s): Danger
 Component(s): contains
 Reaction mass of calcium carbonate and calcium dihydroxide and calcium peroxide
- Hazard pictogram(s):
- H - Phrases:**
 H318: Causes serious eye damage.
- P - Phrases:**
 P101: If medical advice is needed, have product container or label at hand.
 P102: Keep out of reach of children.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.
 Remove contact lenses, if present and easy to do. Continue rinsing.
 P313: Get medical advice/attention.
 P261: Avoid breathing dust.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
 P402: Store in a dry place.
 P501: Dispose of contents / container to municipal collection point.
- Additional Markings:
- The above mentioned labelling is valid for distribution to public use.
- 2.3 **Other hazards**
 Dust may cause irritation of respiratory tract.
 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.

Dangerous Ingredients:

Material	Index - No.	EC - No.	REACH - No.	m% - range
CAS - No. Hazard Code(s) / H - phrases				
Calcium chloride * x Hydrate 22691-02-7 Eye Irrit. 2; H319	n.av.	233-140-8	01-2119494219-28-xxxx	20 - 30%
Reaction mass of calcium carbonate and calcium dihydroxide and calcium peroxide n.av. STOT SE 3; H335 / Eye Dam. 1; H318 / Ox. Sol. 1; H271	n.ap.	908-343-6	01-2119974579-15-xxxx	10 - 20%

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. Consult a physician if necessary.

4.1.2 Skin Contact:

Before washing use a dry brush to remove dust from skin. Wash off immediately with plenty of water.

If symptoms persist, call 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.

4.2 Most important symptoms and effects, both acute and delayed

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, CO₂, 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 carbon oxides respirable dust may be formed.

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:

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

The product itself does not burn, but it is slightly oxidising.

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
- 6.2 **Environmental precautions**
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.
Never return spills in original containers for re-use.
- 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. 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.
Never return unused material to storage receptacle.
- 7.1.2 **Precautions in Case of Fire and Explosion:**
Normal measures for preventive fire protection.
Keep away from heat and sources of ignition. Do not smoke.
- 7.2 **Conditions for safe storage, including any incompatibilities**
- 7.2.1 **Storage Instructions:**
Protect against humid air and water (hygroscopic). Keep in a dry, cool and well-ventilated place.
Store in original container. Do not keep container sealed.
- 7.2.2 **Store away from:**
Do not store near acids. Keep away from combustible material.
- 7.2.3 **Further Information on Storage Conditions:**
Ensure adequate ventilation, especially in confined areas.
- 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**
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.
- 8.2.2b **Hand Protection:** Protective gloves complying with EN 374.
Butyl-rubber (0,4 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: powder	Colour: white	Odour: odourless
			Odour threshold: n.av.
9.1.2	pH-value, undiluted:	n.av.	
	pH-value, 1% aqueous solution:	8,3	
9.1.3	Boiling point / Boiling - range (°C):	n.av., Melting point / Melting range (°C): > 240	
9.1.4	Flash point (°C):	n.av., closed cup	
9.1.5	Flammability (EEC A10/A13):	No.	
9.1.6	Ignition temperature (°C):	n.ap.	
9.1.7	Autoflammability (EEC A16):	n.ap.	
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):	Bulk density: 1,291 g / cm ³	
9.1.13	Solubility (in Water):	partly soluble	
9.1.14	Partition coefficient, n-Octanol / Water:	n.av.	
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
	Decomposes slowly on exposure to water.
10.3	Possibility of hazardous reactions
	Risk of decomposition.
10.4	Conditions to avoid
	Protect against humid air and water (hygroscopic).
10.5	Incompatible materials
	Incompatible with acids.
10.6	Hazardous decomposition products
	Decomposes in contact with water, acids.
	Hazardous decomposition products: oxygen carbon oxides.

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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: Causes serious eye damage.

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

11.1.1.1 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

The methods for determining biodegradability are not applicable to inorganic substances.

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 / R 4

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	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

H271: May cause fire or explosion; strong oxidiser.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H335: May cause respiratory 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.

Prepared by: CoSiChem AG, Ernst-Lemmer-Straße 23, 35041 Marburg, info@cosichem.de, +49 6421 97905 0

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