

Date of issue: 27.10.2020 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:** DuoBoost  
**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: 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.  
  
 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.  
 Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

**SECTION 3: Composition/information on ingredients**

- 3.1 **Substances**  
 n.ap.
  - 3.2 **Mixtures**  
**Chemical Characterisation:**  
 Mixture  
**Dangerous Ingredients:**
- | Material                        | CAS - No. | Index - No. | EC - No. | REACH - No.           | m% - range |
|---------------------------------|-----------|-------------|----------|-----------------------|------------|
| <b>Bacteria (risk groupe 1)</b> | n.av.     | n.av.       | n.av.    | 01-2119971580-35-xxxx |            |

Text of H - phrases: see section 16  
 m% - range: x – y ≙ x ≥ – < y

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## SECTION 4: First aid measures

**4.1 Description of first aid measures**

**4.1.1 Inhalation:**

Move to fresh air.

**4.1.2 Skin Contact:**

Rinse with 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. Do not induce vomiting.

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 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: 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.

## 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.

If recycling is not practicable, dispose of in compliance with local regulations.

**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. When using, do not eat, drink or smoke.

Take off all contaminated clothing immediately. Wash hands before breaks and at the end of workday.

**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:**

Never allow product to get in contact with water during storage.

**7.2.2 Store away from:**

Do not store together with strong oxidizing agents.

**7.2.3 Further Information on Storage Conditions:**

Protect from frost, heat and sunlight.

**7.3 Specific end use(s)**

n.av.

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**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:** Not required under normal use.8.2.2d **Skin Protection:** No.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:** Liquid absorbed by inert carrier material **Colour:** blue **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): of liquid: ~ 100 ,

Melting point / Melting range (°C): of liquid: ~ 0

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: None.

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

9.1.11 Vapour pressure: n.av.

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

9.1.12 Density (g/ml): of liquid: ~ 1

9.1.13 Solubility (in Water): practically insoluble

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.

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**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 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: | 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**
- 11.1.11 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**  
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.  
The product is slightly soluble in water. It can be eliminated from water by abiotic processes.
- 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

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.

**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

**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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