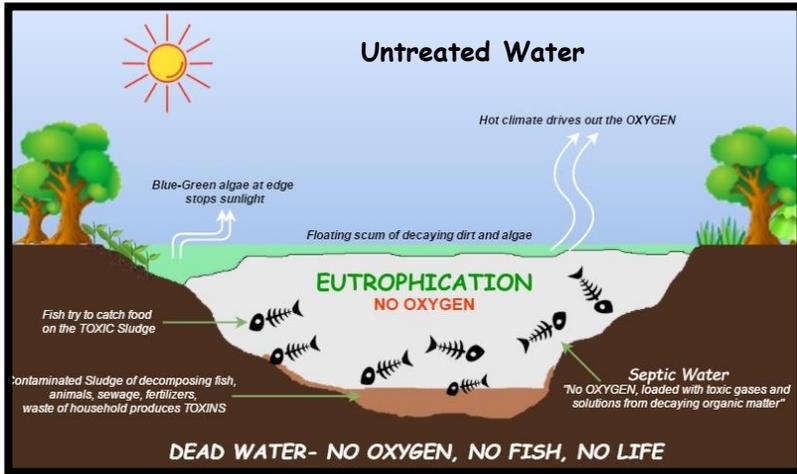


PREMIUM QUALITY  
 ————  
 MADE IN GERMANY

# GREEN OXY

## OXYGENATED WATER FOR BIOLOGICAL TREATMENT



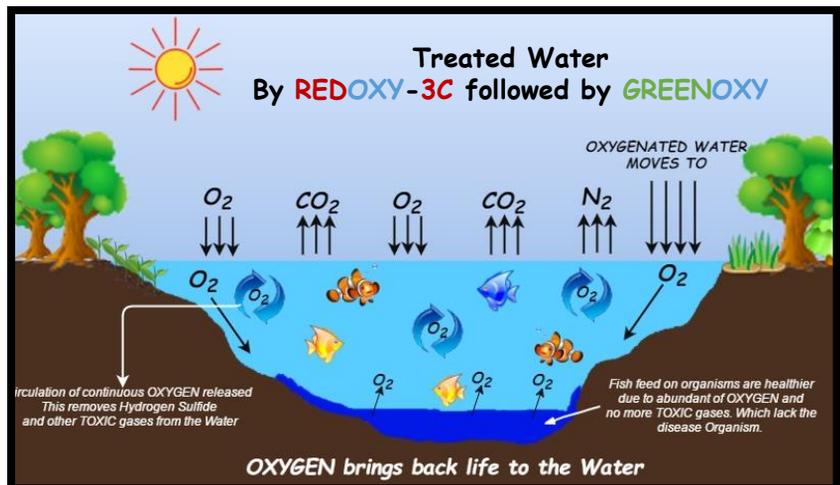
### GreenOxy

The most Important part of GERMANY's unique water improvement process is called "steady continuous Oxygenation". If all the RedOxy-3C is consumed by heavy polluted water that leads to Eutrophication reverse and water quality problem's. GreenOxy invented for continuous improvement of freshwater and wastewater applications, this process oxygenates an entire body of water from top to bottom. Steady release of Oxygen by GreenOxy is food and will not increase suspended solids or increase turbidity. GreenOxy will settle on the bottom to ensure Oxygenation of the sediment's and sludge.



### RedOxy-3C

Our first treatment of RedOxy-3C is designed using three components, along with Adsorber and self-sinking granulate that supply a steady release of micro bubbles of Oxygen from the bottom to the surface of the water in the lakes, ponds, water reservoirs. This continues release of bubbles are capable of moving and circulating large qualities of water, and quickly Oxygenates a lake or any source of contaminated water. Increased demand of high amount of Oxygen throughout the water column allows RedOxy-3C to start a sequence of treatment that improve water quality just in few hours.



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## RedOxy-3C

Red controls odor, harmful gases and at the same time one of the components called Oxydes provides:

- Aquatic weed control
- Reduce organics
- Destroys coliform bacteria
- Nuisance algae control

\*Third, the most important component

- Adsorbs Nutrients
- Adsorbs Phosphates

And at the same time starts to release Oxygen to improve the Fish growth and Aquatic health. Natural aerobic bacteria and micro-organic begin to consume the organic waste, nutrients, and increases the healthy food source for Fish, and water quality. In addition the improvement provide safer living conditions for residents and community. The **RedOxy-3C** is the only innovated product bringing the proper balanced back to a lake via BIOAUGMENTATION. **RedOxy-3C** delivers cost effective solutions for your lake, pond, water reservoir and wastewater applications, with greater efficiency than any other Oxygen provider. This involves the use of rapid Oxygen demand. Constant use of Oxygen in the beginning will reduce the productivity. Now to the final step that need to be applied is our Nutrient Adsorbers and Oxygen provider **GreenOxy**.

## GreenOxy

As the Oxygen bubble, release from the **GreenOxy**, Oxygen is immediately transferred to the water from bubbles. This steady release of Oxygen from **GreenOxy** move water gently to surface and across the surface where additional Oxygen is absorbed by water.

### WHY IS GREEN OXY NEEDED?

Due to very heavy load of pollution from nutrients overloading, many waters become out of balance, large algae blooms start to overtake the cleaning process. Attributed by photosynthesis, DISSOLVED-OXYGEN levels starts to decrease, making it hard to clean pollution. **GreenOxy** application sink the killed algae and weeds to the bottom where the natural process is breaking down the waste. This is what **GreenOxy** process does at the bottom of the polluted waters. **GreenOxy** process gets Oxygen to the sediment layers of the bottom, than augmentation with beneficial bacteria takes place, Water Quality improves, and the Algae will disappears. For this reason **RedOxy-3C** can clean every lake, pond or wastewater as a unique product that it is.



Treated Water by  
**RedOxy-3C** + **GreenOxy**.



## Dosage and Solubility

### Typical Dosage:

- 5 grams per 10 m<sup>3</sup> of water
- 50 grams per 100 m<sup>3</sup> of water
- 500grams per 1000 m<sup>3</sup> of water.

### Shipping:

1. **GreenOxy** is shipped in WATCH Water standard containers (60kg/drum)
2. Special requests package 25kg bags (40 bags/pallet)

### Safety/Handling/Storage:

**GreenOxy** is one of the safest to handle Oxygen compounds available in the market. It represents not one significant hazards with regards to SKIN CONTACT, inhalation or injection but all perceptions are advisable to protect eyes, nose, throat, and breathing, when handling, the use of dust mask, goggles and gloves is recommended.

### Customer Service

To place order or obtain general information, please call the marketing department of Watch Water or visit our website at [www.watchwater.de](http://www.watchwater.de)

## Physical Property

Appearance:

Color:

Physical State:

Odor:

pH:

Properties:

Water Solubility:

Hazard Polymerization:

Properties:

Bioaccumulation:

Chronic Health Hazard

- Dry, Free flowing granules
- Off-White
- Dry Powder
- Odorless
- 1%Solution (11.5-11.8)
- Strong Oxidizer
- Mildly Soluble
- Does not occur
- Release Oxygen which supports life and remove algae in polluted water.
- Does not bio accumulate
- No

This **GreenOxy**, as supplied, does not contain any substances regulated as hazardous substances under the 'Comprehensive Environmental Response Compensation and Liability Act'.

### Introduction

**GreenOxy** is the most environmental, reliable and effective Oxygen-generating compound for use in providing an

- Odor Control
- Heavy Metal Removal
- Bio-Remediation
- Adsorption of Phosphate
- Adsorption of Nutrients



Oxygen source for bio-remediation. The most successful Bio-treatment process depends on proper adsorption of nutrients, Oxygen and microbes. Often this process stops with the lack of Oxygen, degradation of all contaminants is Oxygen availability. Lack of Oxygen increase Eutrophication, (See drawing page 1). In anaerobic and reducing conditions P phosphors bound to the sediment is released to the Water Surface. Increased P phosphors Concentration (See page 2) on the water surface cause huge Algae problem's.

