

**EcoSystem Plus®** is a breakthrough bio-catalytic product that increases transfer rates and dissolved oxygen (DO) levels in the water column.

**EcoSystem Plus®** improves the biological oxidation performance of aerobic wastewater treatment systems on a dose-responsive basis.

**EcoSystem Plus®** increases the solubility of organic wastes, including the more problematic FOG's (fats, oils, and greases).

**EcoSystem Plus®** enhances anaerobic conversion rates in biogas fermenters. It allows for optimization and increased loading of TVS (total volatile solids).

**EcoSystem Plus®** reduces the volume of sludge, improves sludge quality, and greatly reduces odorous volatile compounds (VOCs).

Key operational benefits include:

- Improves oxygen (DO) transfer.
- Reduces aeration energy.
- Optimizes anaerobic digestion.
- Improves bio-solids and sludge management.
- Reduces noxious odors.
- Improves wastewater discharges.

#### AUTHORIZED DISTRIBUTOR



#### SEAL OF SAFETY™

The Bio-Organic Seal of Safety™ is our trademark declaration of our commitment to offering green biocatalytic solutions that shift the treatment of our water resources to a more sustainable ecological model.



**BIO-ORGANIC CATALYST**  
THE POWER IN NATURE®

# ECOSYSTEM PLUS®

## BIO-CATALYTIC WATER & SLUDGE TREATMENT



Net Content:

■ 2.5 Gallons/9.5 Liters ■ 55 Gallons/208 Liters ■ 275 Gallons/1041 Liters

#### DIRECTIONS FOR USE

**EcoSystem Plus®** can be injected into water lines, aeration devices, and sludge lines. Dosage rates will vary depending on numerous factors, including organic loading levels and specific operator objectives.

#### Aerobic Wastewater Treatment:

1 ppm **EcoSystem Plus®** per 100 BOD in organic loading is the basic metric used. In deployment, dissolved oxygen (DO) readings will guide dosing rate. Operator will adjust dosage rate to desired DO level.

**Anaerobic Digestion:** The basic dosage metric is: 250 ml to 1,000 ml per dry ton of volatile solids (VS).

*Consult with a technical specialist to optimize installation and performance of **EcoSystem Plus®**.*

#### PRODUCT SPECIFICATIONS

**EcoSystem Plus®** is non-toxic, non-caustic, and safe to handle.

**Recommended Shelf Life:** 2 years.

**Storage Temperatures:** Minimum 2°C, Maximum 50°C.

#### CONTENTS

Water, highly purified yeast extracts, non-ionic surfactants.

#### CAUTION

Keep out of the reach of children. If product from this container splashes in eyes, rinse well with water.

#### SAFETY DATA SHEET

An **EcoSystem Plus®** Safety Data Sheet is available through the BOC website at [www.bio-organic.com](http://www.bio-organic.com). Please read the Safety Data Sheet carefully and follow all directions when using or handling this product.

#### ECOSYSTEM PLUS®

MANUFACTURED IN THE USA UNDER DOMESTIC AND INTERNATIONAL PATENTS

#### Bio-Organic Catalyst, Inc.

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