

EcoSystem Plus® is breakthrough bio-catalytic product that increases dissolved oxygen 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.



SEAL OF SAFETY

The Bio-Organic Seal of Safety is our commitment to offering the highest bio-aquatic safety on the market today.



BIO-ORGANIC CATALYST
THE POWER IN NATURE®

ECOSYSTEM PLUS®

BIO-CATALYTIC WATER & SLUDGE TREATMENT



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 up to 1,000 ml, per dry ton of Volatile Solids (VS).

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

PRODUCT SPECIFICATIONS

EcoSystem Plus® is non-toxic, non-caustic, and safe to handle, with a recommended shelf life of two years. May be stored with confidence at temperatures below 122°F/50°C.

CONTENTS

Water, highly purified bio-organic catalysts from plant and mineral sources, 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

A **EcoSystem Plus®** Safety Data Sheet is available through the BOC website at 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.
A wholly owned subsidiary of Neozyme International, Inc.

711 West 17th Street, #E6
Costa Mesa, CA 92627

800.982.8676

bio-organic.com

Net Content:

■ 2.5 Gallons/10 Liters ■ 55 Gallons/208 Liters ■ 275 Gallons/1041 Liters