

**AD-Cat™** is a broad-spectrum bio-catalytic formulation that improves the overall performance of Anaerobic Digestion (AD) systems.

**AD-Cat™** works by solubilizing the waste components, thereby decreasing viscosity, and allowing the waste stream to be better utilized by the microorganisms within AD systems.

**AD-Cat™** will help prevent insoluble waste components from forming floating layers, or internal blockages, within the AD system.

**AD-Cat™** allows more consistent bio-methane yields to be produced, and optimize waste stream loadings into the AD system.

**AD-Cat™** offers the following benefits to operators:

- Improves AD loading of insoluble waste components.
- Solves formation of blockages with AD systems.
- Improves economic performance of AD systems.
- Supports more complete digestion conversion rates.
- Offers higher quality bio-methane yields.

**AD-Cat™** is an essential tool for managing optimal AD system operations.



#### 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®

**AD-CAT™**

**BIO-CATALYTIC TREATMENT  
FOR ANAEROBIC DIGESTION**



#### DIRECTIONS FOR USE

**AD-Cat™** 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 **AD-Cat™** 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 **AD-Cat™**.*

#### PRODUCT SPECIFICATIONS

**AD-Cat™** 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 **AD-Cat™** 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.

#### AD-CAT™

MANUFACTURED IN THE USA UNDER DOMESTIC AND INTERNATIONAL PATENTS

#### Bio-Organic Catalyst, Inc.

A wholly owned subsidiary of Neozyme International, Inc.

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Net Content:

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

**bio-organic.com**