



COMCAT™ AS

Enhancing Nature's Science

Product Characteristics

Derived From:

Purified biocatalysts from mineral and plant sources.

Physical Properties:

Form: Liquid

Appearance: Colorless to pale amber, having a mild characteristic odor

Density: 8.34 lb/gal, 1.00 kg/L

pH: 3.0–3.5

Freezing Point/Pour Point: 28°F

Caution:

Keep out of reach of children.

Harmful if swallowed.

Storage and Disposal:

Keep product in original container. Do not transfer into food or drink containers. Triple rinse when empty for recycling. Always dispose of container in accordance with local, state, and/or federal regulations. DO NOT FREEZE. Do not store below 45°F (7°C).

Shelf Life:

2 years when properly stored

Conditions of Sale:

The information contained in this bulletin is believed to be accurate and reliable. Buyer and user acknowledge and assume all liability resulting from the use of this material. Follow directions carefully. Timing, method of application, weather, water conditions, and other factors are beyond the control of the seller.

The Complete Bio-Catalyst for Wastewater Treatment

PROBIOTIC SOLUTIONS® COMCAT™ AS is formulated to increase biodegradation of organic materials in wastewater. Additionally, it improves the dissolved oxygen transfer rates in aerobic environments and enhances anaerobic biogas generation in anaerobic digesters. COMCAT™ AS speeds degradation of complex organic compounds by severing molecular bonds, allowing the microbiology to more easily consume the smaller molecular particles.

Benefits of Use:

- Reduces noxious odors
- Liquifies fats and greases
- Reduces sludge buildup
- Increases dissolved oxygen levels
- Decreases mechanical aeration and energy costs
- Optimizes anaerobic digestion
- Increases biogas production
- Improves effluent quality

Application Instructions:

Contents are highly concentrated and can be applied directly into the flow or should be diluted with water in a ratio of a minimum 5 parts water to 1 part product prior to surface application. See table below for application instructions. Use in conjunction with Bio Energizer®, typically at a one-to-one ratio. Contact your local Probiotic Solutions® representative for specific usage recommendations. Daily dosing is recommended for best results.

Aerobic Systems: Dosing can be adjusted to achieve desired dissolved-oxygen levels

Anaerobic Systems: Dosing per dry ton of volatile solids ranges between 250 mL and 1,000 mL of product daily

APPLICATION	Minimum Dose	Maximum Dose
Normal/Maintenance	0.5 ppm	10 ppm
Upset	5 ppm	20 ppm