

# ZAP<sup>®</sup>

## What is ZAP<sup>®</sup>?

ZAP<sup>®</sup> is a scientific formulation of natural ingredients based in and delivered by Micro Carbon Technology<sup>®</sup>.

## What does ZAP<sup>®</sup> do?

ZAP<sup>®</sup> stimulates natural bacteria ecosystems of biological wastewater treatment systems for increased bio-oxidation capacity, lowering BOD/COD levels, reducing foam & filamentous bacteria, solving offensive odor problems, and lowering chemical & electrical costs.

### TO INCREASE ACTIVATED SLUDGE TREATMENT PLANT EFFICIENCY & REDUCE OPERATING COSTS:

- Enhance wastewater biological activity and species diversity.
- Eliminate foaming from filamentous bacteria build-up.
- Improve water quality with lower BOD/COD and turbidity levels to meet NPDES and state permit limits.
- Improve flocculation and settleability, decreasing polymer usage and expense.
- Improve sludge destruction efficiency.
- Cut sludge dewatering and hauling costs.
- Decrease aeration costs by naturally improving dissolved oxygen levels, reducing chemical & electrical costs.
- Control offensive odors and reduce FOG.

### STORAGE AND DISPOSAL:

Do not store product below 50°F (10°C) or above 90°F (30°C). 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.



powered by  
**MICRO CARBON  
TECHNOLOGY<sup>®</sup>**

## METHOD OF APPLICATION

	ACTIVATED SLUDGE AEROBIC DIGESTORS ANEROBIC DIGESTORS
Initial Application	up to 10 ppm up to 10 ppm up to 10 ppm
Maintenance Dosage	up to 5 ppm up to 5 ppm up to 5 ppm

Contact your local Probiotic Solutions<sup>®</sup> representative for specific usage recommendations.

### CONDITIONS OF SALE:

The information contained on this label 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, and other factors are beyond the control of the seller.

### KEEP OUT OF REACH OF CHILDREN

A clear to hazy, brownish, slightly alkaline liquid having a slight characteristic odor. The liquid and mists may be irritating to the eyes and skin. Inhalation of mists may be irritating to the entire respiratory tract. Ingestion of this product may cause gastrointestinal irritation, cardiovascular and central nervous system effects.

CLASSIFICATION: HAZARD CATEGORY 5 - MAY BE HARMFUL IF SWALLOWED

SIGNAL WORD: WARNING

HAZARD STATEMENT: H303 - WARNING - May be harmful if swallowed.

PRECAUTIONARY STATEMENT: P312 Call a poison center/doctor/physician if you feel unwell.

**9.18 lb per gallon @ 68° F.**

1.00 kg per liter @ 20° C.

pH 4.0 - 5.0



**Probiotic  
SOLUTIONS<sup>®</sup>**

**1 liter • Net Wt. 2.43 lb**

1 liter • Net Wt. 1.00 kg

LOT# 12345678

\*Registered Trademarks of and Produced by  
**BIO HUMA NETICS, INC.** © 2005-2018

1331 W. Houston Ave., Gilbert, AZ 85233 • 480.961.1220

**www.probiotic.com**

PS-235-10152018