

# **MICROZYME™ AQUA TREAT**

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## **Aquaculture Waste Degradar and nitrifier Microbial Product**

DESCRIPTION	Microzyme™ Aqua Treat is a blend available dry or liquid product of naturally-occurring, scientifically selected (but not genetically manipulated) microbes formulated to accelerate decomposition and digestion of excess nutrients including: ammonia, nitrites, nitrates, phosphates, urea, and fecal matter in aquaculture and ponds. Microzyme™ Aqua Treat is a blend of about twelve facultatively anaerobic microbial cultures making this product effective across a wide range of substrates and environmental conditions. The microbes in Microzyme™ Aqua Treat are strictly saprophytic and digest only non-living and dead decaying materials. Use of Microzyme™ Aqua Treat in conjunction with aeration reduces B.O.D. (Biological Oxygen Demand) and C.O.D. (Chemical Oxygen Demand) to acceptable levels. Microzyme™ Aqua Treat does not directly or indirectly affect the population of any living things. However, due to dramatic reduction of waste materials which are nutrients for microbes, they do not proliferate much, thus creating a more healthy environment for aquaculture. Microzyme™ Aqua Treat microbial cultures are extremely effective in producing much healthier and larger yields in typical aquaculture operations, provided that a good supply of dissolved Oxygen and feed for aquaculture are maintained.
PROPERTIES	Microzyme™ Aqua Treat microbial cultures actively grow at temperatures of 20-40° C (68-104°F) to digest various excretory materials produced in aquaculture operations. They grow under the typical pH 5.5-8.5 conditions, which prevail in most open aquaculture ponds, and closed tank systems.
ACTIVITY	The standard viable microbial count of Microzyme™ Aqua Treat is about 2 Billion CFU/gm, or about 900 Billion CFU/lb. Liquid version's viable count is about 1 Billion CFU/ml. Custom formulations can be produced for particular applications as desired.
APPLICATIONS	For BOD & COD reduction and clarification of Aquaculture water.
STORAGE	Microzyme™ Aqua Treat should be stored between 10°- 30°C (50°-86°F). For best retention of initial quality of the dry version, storage in a cool dry place is recommended, prolonged exposure to higher temperatures and/or humidity should be avoided. Liquid products should be stored in cool dry place, without freezing.
PACKAGING	Microzyme™ Aqua Treat is available in bulk, or pre-packaged for direct professional use/application.

### **Disclaimer:**

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Nothing disclosed above is to be construed as a recommendation to use our products in violation of any patents or regulations. The information presented above is believed to be accurate. However, said information and products are offered without warranty or guarantee including composition and purity stated herein. Since the ultimate conditions of use and the variability of the material treated are beyond our control, liability claims may not exceed purchase price of product.