

# **MICROZYME™ DAIRY TREAT**

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## **Dairy Waste Degradar Microbial Product**

DESCRIPTION	Microzyme™ Dairy Treat is a blend available in dry or liquid, form consisting of naturally occurring, scientifically selected (but not genetically manipulated) microbes formulated to accelerate decomposition and digestion of excess effluent nutrients including: milk sugar, milk proteins and milk fat in closed and open holding tanks and lagoons. Microzyme™ Dairy Treat is a blend of about six facultatively anaerobic microbial cultures, making this product effective across a wide range of substrates and environmental conditions. The microbes in Microzyme™ Dairy Treat are strictly saprophytic and digest only non-living and dead decaying organic materials. Use of Microzyme™ Dairy Treat in conjunction with agitation and aeration, reduces B.O.D. (Biological Oxygen Demand) and C.O.D. (Chemical Oxygen Demand) to acceptable levels. Microzyme™ Dairy Treat is non-toxic, non-caustic, non-acidic, non-pathogenic(harmless to plants, humans, pets, & wild life), and is biodegradable.
PROPERTIES	Microzyme™ Dairy Treat microbial cultures actively grow at temperatures of 20-40° C (68-104° F), but function best at around 30° C(86° F). Microzyme™ Dairy Treat has an operating pH range between 5.5-8.5 with its optimum being 7.5 pH. It is available in either liquid or powder form.
ACTIVITY	The standard viable microbial count of Microzyme™ Dairy Treat is about 2 Billion CFU/gm or about 900 Billion CFU/lb. Liquid version's viable count is about 1 Billion/ml.
APPLICATIONS	For BOD & COD reduction and clarification of Dairy Processing water.
STORAGE	Microzyme™ Dairy 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™ Dairy Treat is available in bulk, or pre-packaged water soluble pouches for direct professional use/application. Customer formulations can be produced for particular commercial purposes, packaging and shipping needs.

### **Disclaimer:**

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.