



# SANIZYME®



CONNELL BROS.  
A DIVISION OF WILBUR-ELLIS®

## Eco-Friendly & Effective Biological Cleaners

Fats, oils and greases (FOG's) and other organic waste found in grease traps, effluent waste water systems, portaloos, carpets and hard surfaces present an attractive environment for adverse microbial fermentation leading to the generation of foul odours and high BOD/COD levels.

Conventional chemical treatments are often unable to completely break down these organic compounds which also can be deep seated. Hence any benefits are often short lived thus increasing the treatment costs in the long run.

Our Sanizyme® range of biological cleaning concentrates contain carefully selected blends of naturally occurring microbes, nutrients and enzymes that help to effectively digest these tough organic compounds in a safe, eco-friendly and cost effective manner. Sanizyme® concentrates can be applied as they are or formulated into your cleaning product.

### Benefits of Sanizyme® Application:

- ⇒ Elimination of Foul Odours
- ⇒ Significant Reduction in BOD/COD and Treatment Costs
- ⇒ Aerobic and Anaerobic Digestion of Organic Solids
- ⇒ Improved Free Flow in Drains and Waste Water Systems
- ⇒ Safe and Eco-Friendly
- ⇒ Sustained Benefits
- ⇒ Removal of Deep Seated Soils
- ⇒ Significant Water Savings
- ⇒ Broad Range of Operating Conditions



# Sanizyme® Biological Concentrates

PRODUCT	DESCRIPTION	APPLICATION	DOSAGE
<b>Sanizyme® Concentrate</b>	Powdered concentrate of <i>Bacillus</i> microbes blended with multiple hydrolytic enzymes	Drain Cleaning, Septic Tanks, Portaloos, Waste Water Ponds & Composting	500gm/10,000L of waste liquid or compost material
<b>Sanizyme® BioClean</b>	Liquid multi-strain <i>Bacillus</i> spore concentrate	Carpet Cleaning, Pump enabled Drain and Waste Water Treatment Systems, Hard Surface Cleaning, Abattoir Wastes, Pet and Poultry Litter, other Spray Cleaning applications	<u>Direct Addition:</u> 500gm-1kg per 20,000L of waste water <u>Formulating into Cleaning Product:</u> 5-10% w/w
<b>Sanizyme® Boost</b>	Liquid Nutrient mix concentrate to support the growth of Sanizyme® microbes in nutrient limited environments	Industrial Waste Water Systems deficient in nitrogen, phosphorus and micro-nutrients	Add separately to the waste water.  5 -10g/T to be adjusted further depending on the extent of nutrient limitation
<b>Sanizyme® Plus</b>	Protease and amylase enzyme blend.  Rapid and complete break-down of protein and starch.  Enhances the biocleaning action of Sanizyme® microbes	High Organic Load Applications such as Septic Tanks, Food Establishment Floors, Carpet Cleaning and Abattoir Waste	Formulate into final cleaning product at an inclusion level of 1% w/w



Connell Brothers is the largest and one of Asia-Pacific's most highly respected marketers, distributors and manufacturers of specialty chemicals and ingredients including enzymes and microbial blends. We are highly regarded not just for the high quality of our products but also for the solid level of technical support we offer to facilitate their seamless and optimized integration into your formulations.

Feel free to contact us to discuss how our Sanizyme® range of Biological Cleaning Concentrates could help you capture this rapidly growing and highly promising market of eco-friendly biological cleaning.

Nothing disclosed is to be construed as a recommendation to use our products in violation of any patents. The information presented is believed to be accurate. However, said information and products are offered without warranty or guarantee except as to the composition and purity stated herein since the ultimate conditions of use and the variability of the materials treated are beyond our control.

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