

# Bio-Degreaser Dosing Package

## The Complete Biological Treatment for Grease Traps and Drain Lines

### Introduction

**Bio-Degreaser** is a bio-enhanced product for eliminating the build-up of troublesome grease and fats in restaurants, hotels, canteens and other areas which suffer from problems caused by organic matter in drainage systems. It is a safe, economic and proven method of treatment.

Used in conjunction with the **PULSAtron Plus Series T7 Electronic Metering Pump**, dosage can be automatically controlled overnight – or at any other suitable period – to ensure systems are kept free from fouling thereby minimising maintenance, breakdowns and down times.

### The Biological Process

**Bio-Degreaser** biologically digests grease and other organic waste build up, turning it into carbon dioxide (CO<sub>2</sub>) and water (H<sub>2</sub>O). The micro-organisms in **Bio-Degreaser** start the degreasing process as soon as they contact waste, anywhere in the plumbing system (grease traps, joints and drain lines). Enzymes break down and digest grease and solid waste wherever it accumulates. This action keeps drain lines and grease traps functioning efficiently and effectively as long as treatment is applied.

### Application

**Bio-Degreaser** can be used in restaurants, hotels, hospital/factory canteens and other areas subject to problems caused by grease and fats in drainage systems.

**Bio-Degreaser** is a complete treatment system combining product and a fully automatic dispensing pump to ensure correct application. Typical application will be through any main sink or drain line that empties into the grease trap. The **Series T7 Metering Pump** can be programmed to dose product at the period of lowest flow, usually after clean up, to allow maximum retention time in the system. Typically, the pump will deliver a maintenance dose of 500 ml of product at night. Dosage rates may need to be increased for large systems or wastes with a high fat/grease loading.

## PULSAtron PLUS



**The Series T7  
Metering Pump**

## Chemical Specification

Physical state; Perfumed liquid

Specific Gravity;  $1.00 \pm 0.01$

## Dosage Specification

The **Series T7 Metering Pump** incorporates a 7-day timer which is programmable in 1-minute increments with up to 8 on/off cycles per day.

Each timed event can be set to run any day of the week on a 7-day cycle.

Other control features include

- standby mode
- continuous 'ON' mode
- stroke length adjustment from 0 – 100%.

4 models are available with outputs of up to 7.6 litres/hour. For full specifications see Publication WTP/Ptron/T7.

A **Portable Dosage Pump Stand** is available enabling the metering pump to be located directly on top of the chemical container for ease of application and safety. See Publication WTP/ACC/PPS/11/04.

Typical application will be through any main sink or drain line that empties into the grease trap. The dispensing pump should be set up to dose product at the period of lowest flow; usually after clean up to allow maximum retention time in the system.

The addition of disinfectants to the grease trap will adversely affect the efficiency of the product. Temperatures in the grease trap below 15°C should also be avoided.

## Handling

Always consult the manufacturer's safety data sheet for full handling details and personal protective equipment. Store in a cool dark place below 20°C.

## Service

Our Field Representatives can work closely with customer personnel to ensure the effective application of the treatment programme. Regular service calls can be provided by qualified personnel.

## Packaging

**Bio-Degreaser** is available in 25 litre and 200 litre non returnable plastic drums.



**Metering Pump Mounted Directly on the Chemical Container via the Portable Dosage Pump Stand**