

# BioTroop XPRS

## Biological Booster

### Purpose of use

A highly active natural microbial additive for start-up, maintenance and toxic shock recovery in biological sewage treatment plants and marine sanitation devices. Ensures the system operates at peak efficiency with high BOD reduction, short hydraulic retention times and low residual sludge. It will also improve operations and reduce odors in sewage holding tanks.

Bacterial strains are effective over a wide range of pH and temperature environments. Bacterial strains are resistant to chlorine up to 20ppm. A chlorine quencher offers additional protection up to 100ppm. A heavy metal binding agent is added to remove toxicity from the biomass. Bacteria strains are also effective in low oxygen conditions. Contains a blend of free enzymes to add/stimulate the bacteria

### Characteristics

Marbe white powder

### Contents

Contains bacteria specifically selected for their ability to breakdown organic materials found in sewage waste to ensure optimum efficiency.

### Usage Instructions

MSD's are rated per person equivalent (PE) to achieve satisfactory performance. BioTroop XPRS is designed based on the average daily calorie intake of 3000kcal/person.

Application rate is then adjusted accordingly for ship type and use. For example, for a complement of 25 persons, then:  
- Start-Up: 2-5x100g per 1m<sup>3</sup>/day for 3 days.

- Maintenance: 1x100g per 1m<sup>3</sup>/day as required (dependent upon load and influent BOD) Upset Recovery/Toxic Shock 5 x 100g per 1m<sup>3</sup> / day as required

Sachets can be added directly to the MSD reactor or added simple via the nearest toilet bowl. If the latter, allow the sachet to fully dissolve, then flush.



Product Code	Packing Size	GTIN
160655	1 x 10 KG	6429810806086

### Waste disposal

Empty plastic container can be disposed by taking it to a recycling facility.

### Storage

Stored in room temperature.

### Country of origin

Finland

For professional use only.