

# FISZYME 700

## Description

**FISZYME 700** is a biologically active powder developed to break down organic waste found in pipes, collection tanks and sewage systems. Primarily for the treatment of marine black water and kitchen waste.

The product is a blend of concentrated EU registered bacteria selected for their ability to digest a diverse range of organic pollutants such as fats, greases and complex starches and proteins. The combination of freeze-dried bacteria, enzymes and growth enhancing micronutrients build a robust and efficient biomass that can withstand overloading and toxic shocks. Micronutrients improve the biological environment encouraging the rapid growth of a strong biomass that is more tolerant of pH changes including use in areas of food waste. The bacteria in **FISZYME 700** are facultative and adapt to both aerobic and anaerobic conditions making them suitable for use throughout the ship and resulting in improved quality of final discharge water.

- Effective in gulley's and drains to prevent foul odours and blockages
- Reduces the build-up organic material in pipes and Evac systems
- Improved tolerance to overloading and cleaning products
- Restarts bioreactors for fast optimisation and prevention of filamentous bacteria
- Effective for all types of treatment plants including membrane systems
- Reduces sludge volumes and discharge costs
- Reduces Ammonia

### Properties

Appearance: Brown Powder

Density @ 20°C: 0.85-0.95

pH (concentrated): 6.5-7.5

### Shelf Life

Storage: 24 months

### Available in the following containers



## Dilutions

**Passenger vessels:** Black and grey wastewater treatment plants. To recover failed treatment systems after major cleaning add 100gm/m3 of holding tank volume. Repeat once per day for 4 days.

**Maintenance dose:** 10gm/m3 of holding tank volume once per week. Apply direct to tank or via the nearest sump or toilet.

**Non Passenger Vessels:** Up to 50 crew, 1KG per week applied directly into the tank or through the nearest toilet. Premixing is not required due to the retention time within the holding tanks

## Environmental

Dispose of chemicals in accordance with local environmental legislation.

## Handling

Normal precautions should be taken for handling chemicals. Protective clothing, eye protection and gloves should be worn. For further details please refer to the safety data sheet.

## Storage

Store in a cool, dry location between 5°C and 25°C. Protect from freezing. Avoid direct sunlight and extreme temperatures. Store the product sealed in the original container to avoid air exposure. Some products may settle during storage or transportation, ensure thorough mixing before use. See safety datasheet for list of incompatible materials and other relevant information.