



Quality Chemicals  
with  
excellent performance

## APEX CHEMICALS

### A-33L

### MICRO ZYME

- One product for 3 different functions.
- Avoid too many duplicate chemicals onboard.
- Accelerates the biological degradation of wastewater.
- Keep sewage treatment plant in optimal operation condition.
- Enhance BOD & COD removal.
- Eliminate unpleasant odours.
- Enhance clean and smooth flow of the drainpipes.
- Enhance MLC 2006 compliant.
- Easy to use.

### PRODUCT DESCRIPTION:

A-33L MICRO ZYME is designed for use in marine sewage treatment plants. It rapidly establishes a healthy biomass in aerobic wastewater treatment systems.

A-33L MICRO ZYME can also be used for difficult grease applications such as galley grease traps, drains and sewerage injection pits. It contains a high level of bacterial spores selected for effective grease removal.

A-33L MICRO ZYME can also be used as sanitary drainpipes cleaner by degrade the organic waste products causing blockage or slow draining in sanitary systems.

### DIRECTIONS FOR USE

#### For reactivate and initial start-up sewage treatment plant

Dilute 1 litres A-33L MICRO ZYME with 4 litres of hand warm water. Apply this solution direct to the sewage treatment plant via the nearest toilet bowl.

#### For weekly maintenance of sewage treatment plant

Dilute 250 ml A-33L MICRO ZYME with 4 litres of hand warm water will keep the plant in effective operation.

#### For galley drain system and grease trap

Daily dosage at 300 – 700 ml to the drain system/grease trap for maintenance. Preferably add the product upstream to grease trap after cleaning at the end of the day.

Typical dosages in relation to grease trap sizes:

<u>Grease Trap Size</u>	<u>Dosage/Day</u>
<500L	300 - 400ml
500 – 1000L	400 – 600ml
>1000L	700ml

#### For sanitary drainpipes cleaning and maintenance

Dilute 250 ml A-33L MICRO ZYME with 4 litres of hand warm water and apply to sinks, showers, scuppers, drains etc. to maintain clean drainpipes.

### PHYSICAL PROPERTIES

Appearance	: N.A
Relative Density	: 1.0 – 1.10
Form	: Liquid
pH	: 6.0 – 9.0

**Packaging** : Supplied in 12 x 1 litres non-returnable containers.



IMO APPROVED  
TANK CLEANING

**Important information:**

Apex chemicals Safety Data Sheets are available. Safety Data Sheets contain health and safety information for proper products handling procedures to protect your employees. Our Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using.

To the best of our knowledge, the information contained herein is believed to be accurate and reliable. It is the user's obligation to evaluate and use this product safely and comply with all applicable laws and regulations. The above-named supplier and its vendor make no other warranty or representations of any kind or implied, concerning the product including no implied warranty of merchantability. The product is offered solely for your consideration, investigation and verification. No license or immunity under any patents is granted or implied.

