

# YDRO PROCESS® 19

## Technical Data Sheet

### Aquaculture treatment

#### Description

YDRO PROCESS® 19 is a product containing a specially formulated range of microorganisms capable of treating aquacultures (fish farming), aquatic plants and aquariums. The high performance anaerobic, facultative and aerobic microorganisms in conjunction with the contained minerals, micronutrients, vitamins and amino acids create ideal conditions for the improved operation of aquatic ecosystems. It degrades organic compounds contained in aquacultures, breaks down fats, oils and grease and eliminates the production of H<sub>2</sub>S and odours without harming any facility or equipment. It avoids blockages and conglomeration of organic build-ups, eliminates the production of “dead” organic matter and prevents the necessity of soil buffering between growing batches. It boosts the aquaculture growth rate, allowing a higher aquatic animal density. The application is easy, user friendly and creates no environmental effect or hazard.

#### Applications

Farming of shrimps, shellfish, fish, aquatic plants, etc.

#### Storage, Handling and Disposal

Please store product at room temperature, with low humidity and away from direct sunlight. Storing in high temperature or high humidity for extended periods will harm the product and affect its efficiency significantly.

Do not use on food surfaces, do not inhale possible dust, wash hands thoroughly after handling.

Dispose container according to local regulations.

#### Directions for use

This product must be applied after allowing it to mature for at least 12 hours. The maturation process and exact dosing points are decided according to the available facility. The recommended dosage is calculated according to the overall volume of the aquaculture, the degree of pollution due to deposited or soluble organic material and the quality of incoming streams if any. Several days may be required in order to achieve complete success.

#### Physical properties

Colour .....	light brown
Appearance .....	powder
Odour .....	yeast-like
Relative density .....	0.60 – 0.65 gr/cm <sup>3</sup>
Bacterial cultures .....	<1 wt%
pH range .....	6.0 – 9.0
Temperature range .....	5°C – 60°C
Carrier content .....	>99 wt%
Solubility .....	soluble in water
Degradability .....	biodegradable
Shelf-life .....	3 months

#### Key Benefits – Results

- Balances the aquaculture ecosystem
- Enhances the overall biological operations
- Degrades organic matter (excess food etc.)
- Prevents organic build-ups
- Allows increased aquaculture density
- Prevents equipment fouling due to build-ups
- Non-toxic and naturally occurring product
- Increases the aquaculture production rate
- Eliminates H<sub>2</sub>S production and odours
- Purifies water and maintains water quality
- Degrades the dead organic matter
- Prevents soil buffering between batches
- Easy application
- Environmentally safe

#### Available packaging

Bulk: 1kg, 2kg, 5kg, 10kg, 250kg