

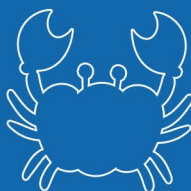
# Roxycide™ Aquatic

 The Solution for High Performance Aquaculture Production



## An Activate Oxygen Disinfectant for the Aquaculture Industry

- ✓ **PATHOGEN CONTROL:**  
Roxycide™ is a highly effective disinfectant against viruses, bacteria, fungi and molds.
- ✓ **BIOSECURITY:**  
Roxycide™ is an effective tool in the prevention of disease transmission and management.
- ✓ **POND ECOLOGY MANAGEMENT:**  
Roxycide™ 's mode of action donates oxygen to the water while helping to manage organic matter.
- ✓ **ECO-FRIENDLY:**  
Roxycide™ active constituents degrade to inert and safe substances allowing ongoing and extended usage in the presence of aqua species.





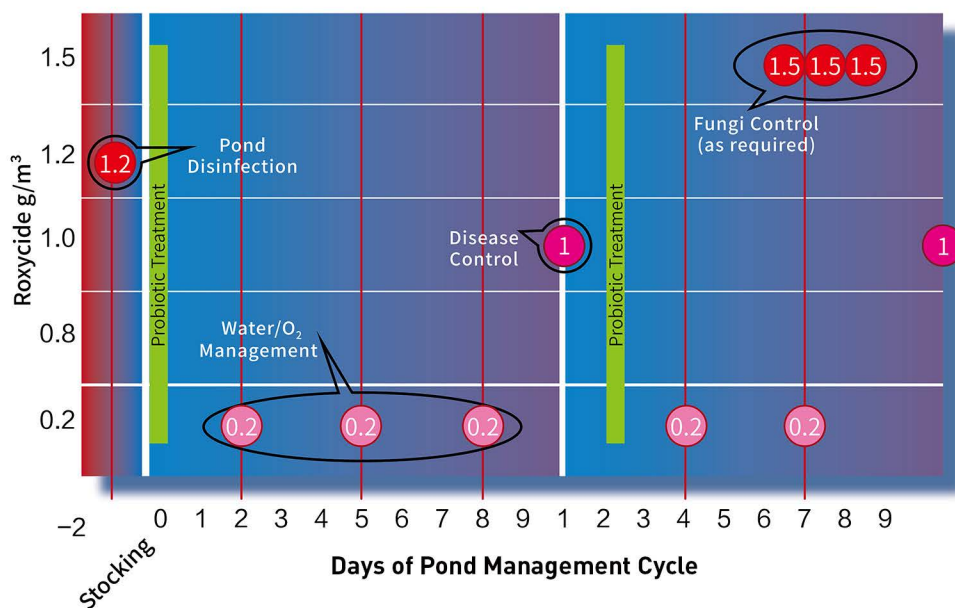
## A Broad Spectrum and Efficacy Disinfectant

Roxycide™ is a concentrated disinfectant powder that can be mixed with water, to form a powerful disinfecting solution with efficacy against fish viruses, bacteria, fungi, and molds.

### Roxycide™ Key Benefits

- Application flexibility to address key production stages including pond preparation, ongoing water management and disease outbreaks.
- Increases oxygen levels in water to help sustain maximum production in ponds and maintain a sustainable pond ecology. Highly effective in the presence of organic matter.
- Highly effective in Aquaculture to control and eradicate bacteria, fungi, moulds and all viral families affecting Fish, Shrimp, Crab and other Aquatics.
- Use to prevent bacterial diseases including gill-rot, white spot disease, ascites, enteritis, putrid-skin disease, decayed crusta disease, saprolegniasis.

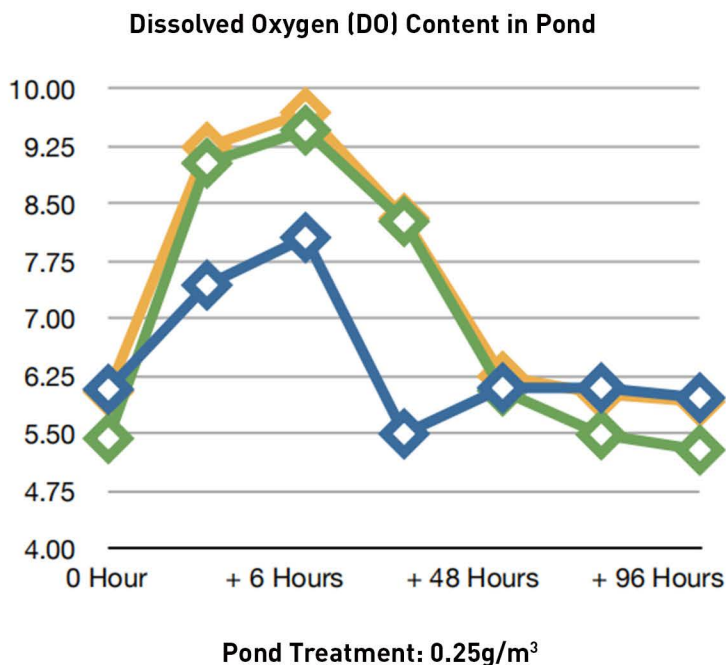
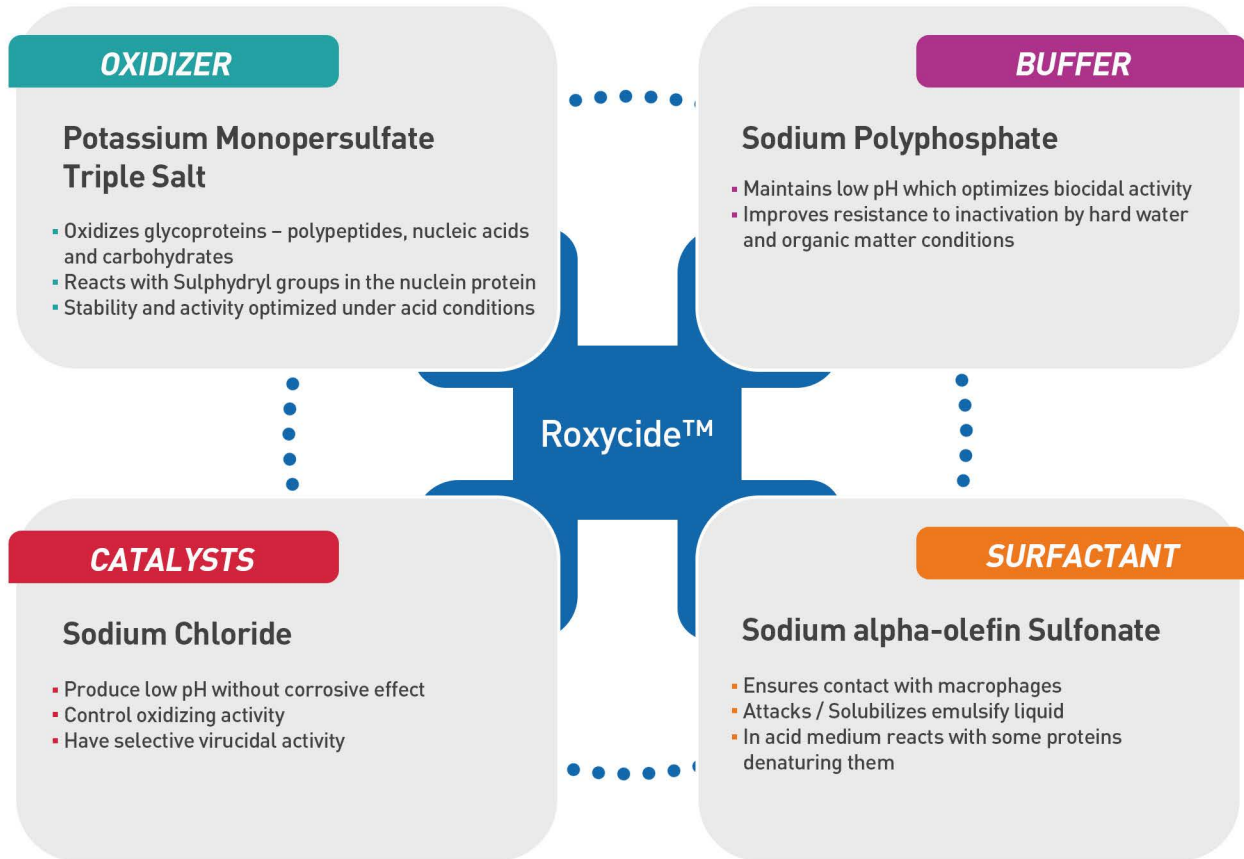
Pond Management Program Options



- 0.2 denotes Roxycide 0.2g/m<sup>3</sup>
- 1 denotes Roxycide 1g/m<sup>3</sup>
- 1.2 denotes Roxycide 1.2g/m<sup>3</sup>
- 1.5 denotes Roxycide 1.5g/m<sup>3</sup>

Roxycide™ can be used according to the chart at different rates and days within the pond management cycle. It is best alternates with a probiotic program to maximize the benefits on disease management, water oxygen levels and organic matter content.

## Synergistic Components Increase Disinfection Activity



- ◆ Pond 1 DO Level (Untreated)
- ◆ Pond 2 DO Level (Treated)
- ◆ Pond 3 DO Level (Treated)

**Trial conducted by Test Center of Veterinary Drug for Aquaculture, Scientific Institute of Agriculture, Sichuan Province (2005)**

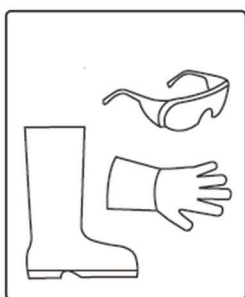
The results show that this potassium monopersulfate compound has the function of increasing oxygen in pond water, the dissolved Oxygen levels increased to higher concentrations that the control Pond.

Therefore, a regular application of Roxycide™ followed by repopulation of the pond's probiotic bacteria provides an excellent management tool to help manage four components of aquaculture production; Disease, water Ammonia and Oxygen content and pollution control. Most use the rotation on a weekly basis in intensive or high risk periods.

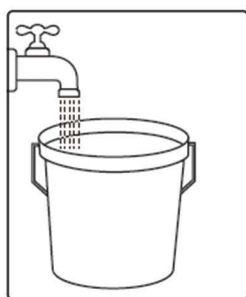


## Application Strategy

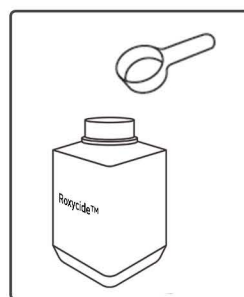
How to make ready-to-use disinfectant solution?



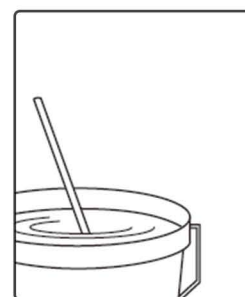
1. Personal protective equipment required



2. Pour Water



3. Add Roxycide™



4. Stir thoroughly until fully dissolved, then use

## Roxycide™ Usage Instructions

- Do not attempt to pour Roxycide™ Powder directly into aqua ponds.
- Calculate the volume of water in the pond in cubic meters (m<sup>3</sup>).
- Select the desired application and dosage required from the table above. Calculate dosage depending on volume of water in the pond.
- Always make a base/stock solution by dissolving required quantity of Roxycide™ powder into fresh, air temperature water at a ratio of 1:100 for best results (example; 1kg Roxycide™ to 100 litres water).
- Use a clean container of sufficient size (example 200 litre drums or 1000 litre IBCs)
- To make the base/stock solution, mix required amount of Roxycide™ powder into water while stirring or agitating to help fully dissolve Roxycide™ in the base solution water.
- Evenly distribute the base solution to the pond, ideally where there is water movement or aeration paddles to aid in dispersal.
- Clean and disinfect containers and equipment after using.
- Storage of stock solution: 5-7days.

## Roxycide™ Application and Dosage Instruction

Applications	Treatment Periods	Roxycide™ powder/pond (gram/m <sup>3</sup> )		
Disinfection before stocking	1-2 days prior to stocking	1.2g/m <sup>3</sup>		
Disease prevention in stocked ponds	Once every 10 days	0.8-1.0g/m <sup>3</sup>		
Disease outbreaks	Once every 3days then repeated every 3 days	0.8-1.2g/m <sup>3</sup>		
Treatment of fungi buildup	Once a day and repeated for 3 days	1.5g/m <sup>3</sup>		
Water purification	Once every 3 days	0.2-0.3g/m <sup>3</sup>		
Roxycide™ Application and Dosage rates for Equipment and Bio-Security				
Objects		Dilution	Coverage	Tips
Equipment disinfection Foot dips, Walls, Roofs, floors, Tanks and other equipment including Hatchery, Nursery, Nets, Tanks, aeration machines and paddles		1:100	300ml/m <sup>2</sup>	Change foot dips every 3 to 4 days
Barrier Control: Boats and Vehicles including feed trucks		1:200	300ml/m <sup>2</sup>	

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