



CHARACTERISTICS

Prevention of bacterial, viral, fungal and parasitic diseases with potential impact on aquaculture.

100% Biodegradable

Composition: 48% hydrogen peroxide, OX-AQ CORE, excipients and water.

Registered in the Spanish Ministry of Health 14-20/40-02551 and 14-20/40-02551 HA, and in the Spanish Ministry of Agriculture 0371-P

Packaging: OX-Aquaculture is available in drums of 5, 20, 200 and 1,150 kg.



GENERAL ADVANTAGES AND BENEFITS

- A product specifically proven and tested for fish and crustacean species, with reference entities such as IRTA, AINIA, Universidad Autónoma of Barcelona and Universidad of Zaragoza.
- Unique composition and stability, for continuous use does not cause resistance, eliminating the need of disinfectant rotation.
- Rinsing is not required after application.
- Fast and efficient mode of action.
- It is innocuous.
- High stability.
- 3 year shelf life.

- Activity is independent from water quality: pH, temperature, salinity, presence of solid suspension and/or organic matter, etc.
- Wide range of applications.
- Effective against Red Tide.

Environment and Safety

- Safe with fauna and aquatic ecosystems: 100% biodegradable. It does not generate toxic sub-products.
- Minimal risk of overdose.
- No risk of hypoxia during application.
- Non toxic for users (it can be used as a hands disinfectant or for other corporal surfaces).

Cost reduction

- Reduced contact time, avoiding additional production costs.
- The correct routine sanitisation procedures - avoids transmission of pathogens, reducing the need of expensive medication and production losses from pathological infections.
- Reduction in the rinse process, leading to a considerable saving of water and time in the cleaning and disinfection procedure.
- It does not generate waste (LMR) and as a result suppression periods are not needed.
- Effective at a low dose.
- In-use concentrations do not cause material damage/corrosion, reducing maintenance and replacement costs.

EFFICACY

Complies with EU Regulations UNE-EN 1040, 1275, 1276, 1650.

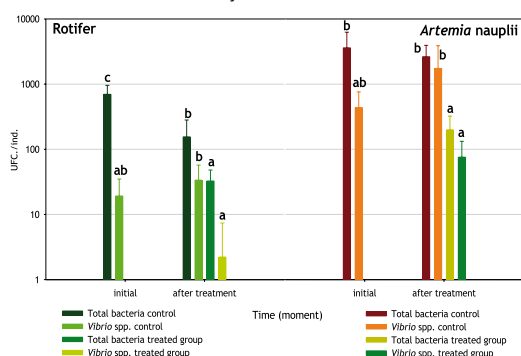
Proven and tested against:

Photobacterium damsela, *Streptococcus iniae*, *Yersinia ruckeri*, *Sparicotyle*, *Escherichia Coli*, *Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Enterococcus hirae*, *Candida albicans*, *Aspergillus Niger*, *Salmonella*, *Vibrionaceas*, *Saprolegnia*, *Aeromonas* sp.

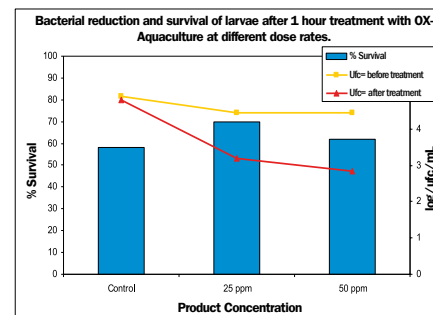
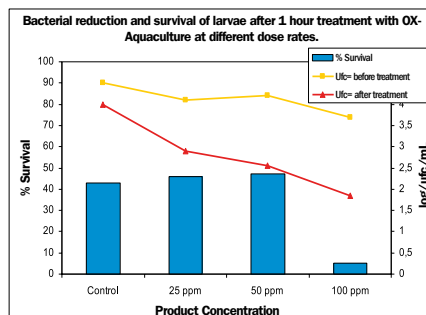
Comparison with other disinfectants:

	Wide action range	Organic Matter	Temperature Range	Compatible Detergent	Biodegradable	Corrosive at use doses
Chlorine	Medium	No	No	No/ Yes	No	Yes
Aldehydes	Medium	No/Yes	No	Yes	No	No
Quaternary ammonium	Medium	No	Yes	No	No	No
Phenolic compounds	Medium	No	Yes	Yes	No	No
OX-AQUACULTURE	High	Yes	Yes	Yes	Yes	No

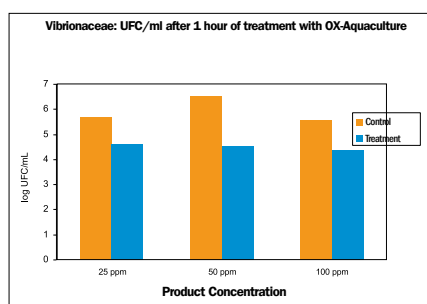
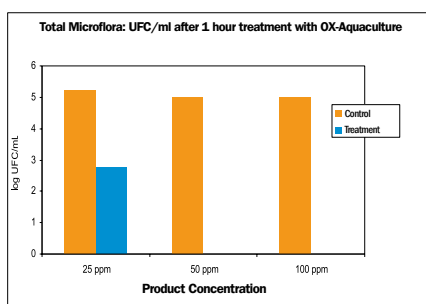
Disinfectant of auxiliary Rotifer and Artemia cultures.



Sanitiser – an alternative disinfectant to replace antibiotics usage in larval cultures of Gilthead Bream and Dentex.



External disinfection of sole and turbot in therapeutic baths.



OX-AQUACULTURE APPLICATIONS AND DOSE RATES

- Preventive and therapeutic treatments.
- Disinfection of eggs.
- Disinfection of live food.
- Pathogen control.
- Treatment of water recirculation.
- Post handling treatment - injuries, loss of epithelium, loss of scales, etc, due to handling or transport.
- Algae control.
- Treatment of water transport.

Some examples of applications and dose of OX-AQUACULTURE

SPECIES- PATHOLOGY	DOSE	APPLICATION
Eggs	100-200 ppm	15 minutes daily during the incubation.
Vibriosis (young fish)	100 ppm	30 minutes each 48/72 hours.
Flexibacteriosis (young fish)	100 ppm	30 minutes each 48/72 hours.
Flexibacteriosis (breeding, fattening and juveniles)	150-250 ppm	30-60 minutes, each 48/72 hours.
Prevention of bacterial gill diseases	5-20 ppm	Continuous for the microbiological control of water.
Treatment of bacterial gill diseases	50-150 ppm	30 minutes depending of the infestation percentage.
Prevention of fungal infections (eggs)	100-200 ppm	15 minutes (in higher concentrations could reduce the hatching).
Prevention of fungal infections (young fish)	150 ppm	30 minutes.
Prevention of fungal infections (adults)	150-250 ppm	30 minutes.
Prevention of infections from handling	50 ppm (young fish) 100 ppm the rest	Bath of 1 hour.
Prevention of ectoparasitosis	5-20 ppm	In continuous.
Treatment of ectoparasitosis	100-250 ppm	Bath of 30 minutes. Repeat depending on the infestation percentage.



Edificio OX

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