

Water Sanitizer

AQUA-pro-oxy

(Peracetic Acid / Hydrogen Peroxide / Acetic Acid)

DESCRIPTION

We offer Poultry Water Sanitizer and it is most effective form of protection against disease, especially for poultry under modern production techniques is Biosecurity i.e., excluding disease from the farming environment and this holds the key to successful and profitable farming.

Unless Biosecurity is maintained and good management practices are strictly followed, medication and vaccination alone cannot adequately protect stock. Biosecurity is a key element in this triangle of disease control methods.

COMPOSITION

Clear Liquid with pungent odour. Blend of Peracetic Acid, Hydrogen Peroxide, Acetic Acid, Sulphuric Acid and surfactant in a stabilized aqueous solution.

FEATURES

- Super water sanitizer for use in all types of livestock
- Poultry Water Sanitizer provides broad spectrum biocidal activity
- Effective against all strains of bacteria, fungi, virus and spores
- Unique combination of two most powerful liquid chemical germicides
- Effective in presence of organic matter and at low temperature
- Extremely safe for poultry
- Most powerful disinfectant at reasonable cost
- Internationally approved as an effective disinfectant
- Completely biodegradable and decomposes to water, oxygen and carbon dioxide
- Ideal for heavy duty disinfection, thermal fogging and water sanitization
- Continuous use results in a tremendous decline in medication cost

MODE OF ACTION

Peracetic acid present in AquaproOxy when comes in contact with micro organisms, disrupts the function of the cell membrane and causes rupturing of the cell wall. It oxidizes the Sulphur bonds in proteins, enzymes and other metabolites, leading to sporicidal activity.

AQUAPROOXY IS USEFUL IN

- AquaproOxy is useful for control of recurrent bacterial and viral infections present in all water sources.
- AquaproOxy is also used as a germicide for sanitization of surfaces and equipments in farm buildings (such as dairy barns, milking parlours, horse barns, poultry houses, shelter sheds and other types of livestock buildings). It may be used as a spray through pressure washers or spraying apparatus, in wheel or foot dips, or as a mist.

Feed Supplements and Veterinary Products

NEED FOR AQUAPROOXY

Biosecurity

- Biosecurity, which literally means safety of living things, is a programme designed to prevent the exposure of the animals to disease causing organisms by reducing the introduction and spread of pathogens into and between farms.
- Biosecurity is the cheapest and at the same time most effective means of disease control available, without which no disease prevention programme will work.
- Biosecurity is a defensive health plan with a set of hygiene procedures that can help keep your farm disease free.
- Biosecurity is, therefore, important in all livestock operations.

The most effective form of protection against disease, especially for livestock under modern production and rearing techniques is Biosecurity i.e., excluding disease from the farming environment and this holds the key to successful and profitable business.

- To keep highly contagious diseases like RD, IBD, ND etc. out of the farm
- To reduce common pathogens like E.Coli and Salmonella
- To reduce or eliminate background immunosuppressive pathogens such as MD and IBD virus

SANITIZATION OF WATER

Use	Dilution and Application
Water Sanitizer	For general sanitization or prevention: AquaproOxy can be used as a Water Sanitizer @ 5- 10 ml per 100 liter of water. In acute cases: Use 15-20 ml. of AquaproOxy in 100 Ltr. of water. In severe cases: Use 40- 50 ml. of AquaproOxy per 100 Ltr. of water can be used for 2 -3 days.

FARM SANITIZATION WITH AQUAPROOXY

Use	Dilution and Application
In Empty Sheds/Barns	Spray using 20 ml of AquaproOxy per Ltr. of water (dilution 1:50)
For Sanitization of floor and wooden or concrete surface	Spray using 10 ml. of AquaproOxy per Ltr. of water (dilution 1:100)
For Cleaning and Sanitization of Equipments	Use AquaproOxy 3 ml / Ltr. in required quantity of water for cleaning & sanitizing equipment. Rinse all equipment thoroughly after use.
Footbath / Wheeldip	Use 10ml of AquaproOxy per Ltr. of water. Replace the foot or wheel dip
Pipeline Cleaning(Pipes must be of non-corrosive plastic material)	Use AquaproOxy @ 1% for cleaning (Terminal Disinfection within pipelines).Water (mixed with 2.5% AquaproOxy should flow from main water tank through pipeline & should be kept in the pipeline for at least six hours & then it should be shelled out somewhere, may be into the ground(This water should not be consumed by the birds).

HATCHERY DISINFECTION WITH AQUAPROOXY

Use	Dilution and Application
Floor	Use 750 ml of AquaproOxy in 20 Ltr. Of water for 1000 Sq. ft. area, 24 Hrs before arrival of chicks.
Humidity Chamber	Use 500 ml. of AquaproOxy in 20 Ltr. Of water for 1000 Sq. ft. area, once

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	or twice in a week
Eggs Before Hatching	To overcome the contamination of bacteria, fungi and virus in feed, incorporate AquaproOxy in feed @ 500 to 1000 ml per tonne offered
Incubator Tank	Use AquaproOxy @ 1-1.5% in required quantity of water for cleaning and disinfecting poultry equipment (feeder, drinker, etc)
Hatchery/Setter(Floor and Trays)	Use 1.5% AquaproOxy in water
Environment	Use 500 ml. of AquaproOxy in 20 Ltr. Of water for 1000 Sq. ft. area, once or twice in a week.

PRECAUTIONS

- AquaproOxy is an oxidizing agent, corrosive to the eyes and skin.
- Avoid all contact with skin, eyes or clothing.
- Do not inhale vapors given off by the product.
- Accidental splashes on exposed skin or eyes should be washed off immediately with plenty of water.
- Store upright in a cool place out of direct sunlight.
- Wear suitable protective clothing (e.g. aprons, coveralls, complete footwear, etc.), chemical resistant gloves (e.g. nitrile or butyle rubber) and face protection (e.g. face shield, goggles, mask, etc.) when handling the concentrate and during application of product.
- When applying product by spraying or fogging, wear chemical resistant respirator. Do not remain in treated areas. Ensure proper ventilation after sealed areas have been treated.
- Do not return unused concentrate to the container in order to avoid possibility of contamination.
- Keep out of reach of children.

EMERGENCY/FIRST AID PROCEDURES

- If the product or its dilutions are splashed in the eye, rinse immediately with plenty of water and seek medical advice
- Rinse any product off the skin immediately with water
- If ingested allow patient to drink water if conscious, but do not induce vomiting. Seek immediate medical advice

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PRESENTATION

5 L, 15 L, 35 L