

DOT AQUA

Buffered Organic Acid-Based Poultry Water Sanitizer & Gut Acidifier Veterinary Feed Supplement

Description

This product is a **liquid veterinary feed supplement** designed as a **poultry water sanitizer** and **gut acidifier**. It is composed of a synergistic blend of organic and inorganic acids—lactic, citric, formic, phosphoric, and tartaric acids—in a buffered aqueous base.

Formulated for use in **drinking water**, this supplement acts as a **broad-spectrum antimicrobial water sanitizer**, while simultaneously lowering intestinal pH to improve **gut health, nutrient absorption, and feed conversion ratio (FCR)**. It is safe, stable, and highly effective for use across all poultry categories including broilers, layers, and breeders.

Specification

- Lactic Acid: 25%
- Citric Acid: 15%
- Formic Acid: 10%
- Phosphoric Acid: 2%
- Tartaric Acid: 15%
- Buffered Aqueous Base: q.s. (quantum satis — to the required quantity)

Category & Pack Size

- Category: Poultry
- Pack Sizes: 500 ml, 1 litre, 5 litre

Indication

Indicated for:

- Sanitization of drinking water lines to reduce microbial load
- Improvement of gastrointestinal pH balance
- Prevention of waterborne infections / Support during periods of stress, poor water quality, or feed change

Dosage and Administration

- Dosage: Typically 0.5–1 ml per litre of drinking water or as recommended by a veterinarian.
- Administration: Oral, via clean drinking water only.

Product Form

- Liquid feed supplement / water sanitizer.

Usage

Used as a **daily or scheduled additive** to poultry drinking water to maintain sanitation, suppress bacterial growth, enhance gut health, and support flock performance.

Advantages

- Acts as a natural **water sanitizer** by reducing harmful pathogens
- Prevents **biofilm formation** in pipelines
- Enhances digestion and nutrient uptake
- Helps control waterborne bacterial diseases
- Reduces reliance on antibiotics
- Suitable for **routine use** in commercial poultry operations

Adverse Effects

- Safe when used as directed
- Overuse may cause slight gastrointestinal irritation
- Do not exceed recommended dosage
- In case of **overdose** or persistent symptoms, consult a veterinarian

Schedule

Not under drug control schedule — classified as a **non-medicated feed supplement** for veterinary use only.

Precautions

- Do not mix with vaccines, medications, or incompatible products
- Ensure clean water lines before application
- Shake well before each use
- Keep out of reach of children
- Wear gloves when handling large quantities

Withdrawal Period

No withdrawal period required when used as per recommended dosage. Safe for layers and broilers.

Storage and Handling

- Store in a cool, dry place between 15°C and 30°C
- Protect from direct sunlight and freezing
- Keep tightly sealed when not in use
- Avoid contamination of container or water supply

HS & HSN Codes

- HS Code: 2309.90 (Preparations of a kind used in animal feeding)
- HSN Code: 23099000

Special Instructions

- Use only in drinking water — not to be used in feed
- Clean water lines periodically for best results
- Do not use undiluted
- Follow veterinary advice for continuous or cyclic usage

Details of Human and Veterinary Application

- **Veterinary use only** — strictly not for human consumption
- Avoid inhalation or skin/eye contact; wear protective gloves if handling in bulk
- In case of accidental ingestion or exposure, seek medical help immediately

? Frequently Asked Questions (FAQs)

Q1: What is the full form of FCR?

A1: **Feed Conversion Ratio (FCR)** — a measure of how efficiently poultry converts feed into body weight.

Q2: Is this a sanitizer or a supplement?

A2: It's **both** — a **sanitizer** for drinking water and a **gut acidifier** for improved digestion and immunity.

Q3: Is it safe for daily use?

A3: Yes, it can be used daily or on a schedule (e.g., 5 days on, 2 days off) as advised by your veterinarian.

Q4: Can this be used during antibiotic treatments or vaccinations?

A4: It's best to **pause usage** during active antibiotic or vaccine administration unless your vet says otherwise.

Q5: Can it replace chemical water disinfectants?

A5: It offers a **natural, residue-free alternative** to harsh chemical sanitizers and is safer for long-term use.

