

SGS

Chemical and microbiological quality of drinking water has far-reaching impact on gut health of poultry. Alkalinity, hardness and pH are often responsible for efficacy of sanitation and survival of pathogens in the water. SGS is a buffered blend of food grade organic & inorganic acids intended to acidify the drinking water to tackle problems of alkaline pH and hardness. Buffering action of SGS prevents reversal of pH due to alkalinity in water. SGS treated drinking water helps in maintaining optimum pH through different parts of small intestine.

MODE OF ACTION

Organic acids in **SGS** remain undissociated through upper digestive tract. Undissociated organic acids in SGS show bacteriostatic action over enteropathogens like E. coli & Salmonella by altering pH of intracellular cytoplasm. This eventually supports establishment of normal gut microflora.

COMPOSITION

SGS is a blend of organic & inorganic acids in undissociated form along with their salts & buffers

SALIENT FEATURES

- Totally safe for drinking water
- Non-corrosive and non-staining at user dilution
- Improves FCR and weight gain
- Buffers added in **SGS** resist change in the pH of water post acidification
- Prevents colonization of enteric pathogens like Salmonella, E. coli and Clostridium
- **SGS** facilitates and maintains healthy gut microflora (Eubiosis)
- Prevents formation of biofilm & scales in drinking water pipelines, nipples & water channels
- Acts synergistically with water sanitizers like Chlorine, Iodine and Peroxide
- Buffers ensure long term maintenance of acidic pH

APPLICATIONS

pH of water at source	Recommended dose in drinking water
8.5 and above	4-5 ml / 10 lit
8 to 8.5	3-4 ml / 10 lit
7 to 8	1-2 ml / 10 lit
Below 7	0.5-1 ml / 10 lit

Target pH 5-6

PACKING

1 Lit & 5 Lit HDPE containers

Manufactured by :



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