

## CHLORINE DIOXIDE FOR CONTINUOUS USE IN LIVESTOCK DRINKING WATER



### Physical Properties

<b>Appearance:</b>	Clear to faint yellow liquid Slight chlorine odor
<b>Concentration:</b>	7.13 – 7.88% sodium chlorite 4.5 – 4.7% available chlorine dioxide
<b>pH (neat):</b>	10.24

<b>Solubility in Water:</b>	Complete
<b>Freezing Point:</b>	23 °F (-5 °C)
<b>Stable</b>	when properly stored (1-year shelf life) • Non-flammable • Low toxicity Non-explosive • Low corrosivity

### Benefits

- Effective over a broad pH range (3-10)
- Low corrosion potential at use concentrations
- Resists depletion due to organic load
- No effect on nutritional quality
- Can be used with automated delivery systems
- Safe for applicators (PPE required)
- No unusual stipulations on storage
- Activate with MVP-P or MVP-C

### Applications

- Provides superior sanitation in these applications:
- Feed Water Contamination Control
- Layer Houses
- Pullet Houses
- Poultry Grow out Houses
- Swine Barns
- Farrowing Houses
- Calf, Dairy & Beef Cattle Water Supply Systems

### Why choose Chlorine Dioxide?

- Increase Feed Conversion Ratio
  - Reduce Mortality & Disease
  - Increase Water Consumption
  - Improves Animal Health
  - Is not an anti-biotic or steroid
  - Ensures Clean & Disinfected Water is delivered to your animals
- SureCide AH vs. Chlorine

### SureCide AH vs. Chlorine

- SureCide AH is more effective than Chlorine
- More organic-load bearing capability
- Does not impart offensive odor or taste to drinking water
- Less corrosive to equipment
- Works in a wider pH range, (hypochlorites typically lose efficacy above pH 7; whereas SureCide AH is effective in a pH range of 3-10)
- Safer for workers and the environment
- 2.6 times more powerful oxidizing capacity than Chlorine
- Requires less product than hypochlorites



### Delivery Equipment

Contact your local SureCide AH Distributor for options