



# PRODUCT DATA SHEET

## BIOLOGIC™ SR2

For use in Agriculture Applications



### PRODUCT DESCRIPTION

SciCorp BIOLOGIC™ SR2 is a proprietary plant-based blend of organic micronutrients that stimulates specific aerobic, anaerobic, and facultative bacteria species. The product enables the rapid elimination of odors and efficient conversion of biosolids. BIOLOGIC™ SR2 does not contain bacteria or enzymes.

### PRODUCT APPLICATIONS

For use in agriculture applications including hog barns, poultry barns, manure tanks, anaerobic/aerobic lagoons and digesters

### BENEFITS

- Accelerates the breakdown of biosolids and increases methane production by up to 30%
- Reduces fats, oils and grease and scum
- Increases activity rates of bacteria and reactor efficiency
- Significantly reduces animal mortality via ammonia/H<sub>2</sub>S control
- Eliminates odors: reduces formation of H<sub>2</sub>S, ammonia and mercaptans and eliminates complaints from workers and neighbours
- Significantly reduces solids accumulation in manure ponds/tanks significantly reducing pump out/dredging frequency
- Increases digester efficiency and methane production by up to 25%

### APPLICATION PROCEDURE

- For holding tanks/manure ponds/digesters apply product at a continuous rate based on inflow of and organic strength of the manure. Dose rate is based on organic load and needs to be confirmed by a SciCorp engineer. (Product is typically metered into the system using a low flow liquid pump)
- For immediate odor control a shock dose may be recommended.
- Product can be diluted in water at 50 parts water to one part product and misted into barn environments to control ammonia/H<sub>2</sub>S

### PACKAGING

Product is sold in 5-gallon (20 L) pails, 55-gallon (210 L) drums or 265-gallon (1000 L) totes

### FEATURES

Non-toxic, environmentally friendly, and safe around people/animals (no special handling required)



### KEY PRODUCT CHARACTERISTICS/PROPERTIES (see SDS for more details)

Physical state:	Liquid (store at temps between 40°F – 120°F)
pH:	3.0 – 4.0
Solubility in water:	99.9% in water
Stability/Shelf Life:	3 Years
Specific Gravity:	1:11 @ 72°F

### COMPOSITION

Contains active ingredients consisting of proprietary plant extracts, micro-nutrients, and minerals. Product is UL ECOLOGO® certified. There are no known chronic hazards associated with this product.

[www.SciCorp.net](http://www.SciCorp.net)

## WE SOLVE ODOR!

Take Back Control Of Odors At Your Facility  
Increase Plant Capacity / Reduce Operating Costs

