



# PRODUCT DATA SHEET

## BIOLOGIC™ SR2

For use in Solid Waste/Compost 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 compost and solid waste applications including anaerobic/ aerobic composting facilities, landfill working face, landfill cover, leachate ponds, transfer stations, garbage containers, grease traps

### BENEFITS

- Accelerates the breakdown of biosolids and increases methane production by up to 30%
- Increases activity rates of bacteria and rate of composting and biological breakdown of organic material/waste
- Prevents odors from sludge/biosolids
- Eliminates odors from landfill working face/cover and leachate ponds by reducing formation of H<sub>2</sub>S, ammonia, and mercaptans
- Eliminates complaints from workers and neighbours

### APPLICATION PROCEDURE

- For compost facilities apply product diluted in water by spraying compost as it is screened/shredded, as it is turned or after it has been placed in windrows. For leachate ponds apply product based on leachate influent flow and strength. For landfill working face/cover spray product diluted in water over the surface of the treatment area. For transfer stations/garbage bins/trucks mist over area on an as needed basis. Dose rate needs to be confirmed by a SciCorp engineer. (Dilution rate for spraying/misting of product is typically 100 parts water to one part product).

### 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:	2 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.