



PRODUCT DATA SHEET

BIOLOGIC™ SR2

For use in Organic and Biosolids Digesters



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 APPLICATION

For use in digester applications including Domestic WWT, Industrial WWT, Food Processing, Wineries, Agricultural Applications, etc. (Aerated/Anaerobic 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/H2S control
- Eliminates odors: reduces formation of H2S, ammonia and mercaptans and eliminates complaints from workers and neighbours
- Promotes biological digester health and reduces the occurrence of digester upset

APPLICATION PROCEDURE

- Apply product at a continuous rate based on inflow of organic content to the digester. 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

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.