

Description: *BIO-SUL* is a specially formulated synergistic blend of natural digesters and odor control compounds.

BIO-SUL is designed to attack difficult to reduce compounds found in raw sewage, septic tanks, digesters and holding ponds etc. *BIO-SUL* rapidly breaks down carbohydrates, proteins, fats, sugars and the more complex compounds. Results are seen in reduced BOD (bio oxygen demand), improved stability of the biological system and reduction of noxious and hazardous odors.

Physical Properties:	Type--	--6 strain Bacillus spore blend, --multiple enzyme producer --Aerobe / Faculative anaerobe --non-pathogenic --70 million cfu/ml
	Flash Point -	None
	pH-	9.5 +/- 0.5
	Shelf Life-	1 year

Application: Septic Tanks- 1 gallon per 500 gallons for the first 2 – 4 weeks
1 gallon per month maintenance dosage.

Lagoons- Add 1 gallon per 10,000 gallons based on flow.
Direct addition to inlet basin recommended.
Maintenance at 0.5 gallon per 10,000 gallons daily based on flow.

Activated Sludge-	<u>Plant Flow Rates</u>	<u>Maintenance</u>
	10-20,000 gpd	1 gallon / day
	20-50,000 gpd	2 gallon / day
	50-99,000 gpd (initial feed 2x / day – 1 week)	4 gallon / day

Bio-Solids- apply a 5% solution of *BIO-SUL* at a rate of @ 10 - 15 gallons / truckload or 30-40000# of Bio-Solids.

Innovative Products, Amazing Results

GUARD PRODUCTS, INC