

## USABlueBook Digestase SDE-340

- Sewage digestant with enzymes

Treated systems will reduce BOD and COD, enabling facilities to treat higher volumes of waste and meet stringent effluent quality requirements. Regular use of USABlueBook Digestase SDE 340 reduces odors and sludge volume, allowing for easier dewatering and higher nutrient values.

**Shipping:** The 100-lb size and quantities of 3+ of the 50-lb size ship motor freight.



SIZE	STOCK #	EACH
25 lbs	48198	\$
50 lbs	48200	
100 lbs	48202	

### Dosage Schedule

To treat trickling filters, use 1/2 to 1 lb of USABlueBook Digestase SDE-340 per 100,000 gallons of flow daily. For oxidation tanks, use 1/4 to 1/2 lb per 100,000 gallons of sewage. Aerobic and anaerobic digesters should be treated with 2 lbs per week per 1000 ft<sup>2</sup> of sludge. Dosages for small plants can be downsized. Guaranteed count of one billion per gram. Recommended use for at least 60 days. During the first 14 to 45 days, sludge may increase; after that average will be 20% less.

## Aquafix BugJuice Aerobic Digester/Sludge Storage Tank Treatment

- Reduce sludge by 30 to 50%
- Improve settling while using less polymer
- Save money by hauling less sludge

One of the easiest ways to cut costs at your WWTP is by hauling less sludge. Using BugJuice reduces sludge by 30 to 50% depending on the conditions. Plus, it improves your settling process and sludge press performance. BugJuice works best in digesters with pH less than 7.6.

With many plants now skipping primary treatment, aeration basins end up catching everything from hard-to-digest fats, surfactants and papers, to complex chemistries sent by industrial facilities. Unfortunately, this means that insoluble BOD can be transferred into your digester or sludge storage tank. BugJuice uses catalysts to convert insoluble BOD over to soluble BOD, which lets your bugs chew it up.

**Note:** Digester or sludge storage tank requires mixing or aeration, and over seven days of detention.

**Shipping:** 55-gallon drum ships motor freight.

SIZE	STOCK #	EACH
1-Gallon Bottle	86278	\$
Two 2 1/2-Gallon Bottles	86279	
55-Gallon Drum	66499	

### Dosage Schedule

**Initial application:** 1 gal per week for every 100,000 gallons of tank volume—continue for 4 weeks

**Maintenance application:** 1/2 gallon to 1 gal per week



## Aquafix VitaStim Grease/FOG Reducer

- Chews up high levels of grease and fatty acids



VitaStim Grease/FOG Reducer contains bacterial cultures along with key biovitamins and biostimulants. Not only will it degrade grease and fatty acids, but it also reduces filaments and sludge production and it controls foaming. The specialized Bacillus cultures are productive in aerobic environments where foaming or acid conditions may occur, as well as in collection system applications.

SIZE/PACKAGING	STOCK #	EACH
30 1-lb Pouches (30-lb Pail)	87532	\$
60 1/2-lb Pouches (30-lb Pail)	87533	

### Dosage Schedule

#### For WWTP

**Initial:** 1/2 lbs per 100,000 gpd per day for 30 days

**Maintenance:** 1/2 lbs per 100,000 gpd per day every other day

#### For Lift Stations

**Initial:** 1/2 lbs per day per 100,000 to 250,000 gpd flow for 30 days

**Maintenance:** 1/2 lbs per day per 100,000 to 250,000 gpd 2 to 3 times a week

## Aquafix Biogas 1 Trace Elements

- Improve the performance of your anaerobic digester
- Healthier methanogens = greater methane production

This micronutrient supplement contains enzyme-activating cobalt, nickel and iron to keep your methane-producing bacteria happy. Since methanogens don't grow as quickly as acid-producing bacteria, it's important to promote their health with trace metals and B vitamins. Healthy methanogens ensure faster digester start up, better upset recovery, decreased foaming and more methane production.



DESCRIPTION	STOCK #	EACH
Aquafix Biogas 1 Trace Elements, 5-Gallon Bottle	87880	\$
Aquafix Biogas 1 Trace Elements, 55-Gallon Drum	87335	

### Dosage Schedule

**Initial application:** 5 gallons per 100,000 gpd

**Maintenance application:** 2 1/2 gallons per 100,000 gpd per week

**Note:** Feed all at once (no gradual feeding).