

## BAC-EN-CLEAN Biological Waste Degradar

Highly concentrated grease trap, lift station and drain cleaner/degreaser

**BAC-EN-CLEAN** tackles even the most abundant grease pit and drain problems with 400 million colony forming units/ml (CFU/ml), the highest bioenzymatic activity of any brand.

- **Powerfully and safely digests of FOG** (fats, oils and grease)
- **Lowers odors with odor-neutralizing technology**
- **Destroys and lowers BOD and COD to reduce waste disposal and pump-out costs and surcharges**
- **Breaks down and prevents accumulation of sludge, scum, grease and other organic soils**
- **7-strain blend: Protease, Esterase, Urase, Cellulase, Lipase, Amylase, Xylanase**

### DESCRIPTION AND USE

#### Use in Grease Traps, Lift Stations, Digesters

- BAC-EN-CLEAN is a highly concentrated suspension of non-pathogenic bacterial spores and multiple enzyme systems suspended with detergents and deodorants.
- BAC-EN-CLEAN breaks down and attacks grease, hydrocarbons, diesel fuel, gasoline, kerosene while functioning effectively in aerobic environments.
- BAC-EN-CLEAN can remediate soils to reduce the shock effect caused by harsh or toxic chemicals.
- BAC-EN-CLEAN is CHLORINE/BLEACH resistant!

### DIRECTIONS

Complete directions are on the product label. **Use as follows:**

GREASE TRAP CAPACITY	DOSAGE	INTERVAL BETWEEN 5 GAL. PAIL CHANGES
100-250 gals.	14 oz.	45 days
250-500 gals.	28 oz.	23 days
500-750 gals.	42 oz.	15 days
750-1000 gals.	58 oz.	11 days

**Restaurants open 24 hours:** Pour drip or pump product directly into drains during low flow periods. Usually during the day after lunch, and between midnight and 6 am.

**Restaurants open for Lunch and dinner only:** Drip, pour or pump into drains between midnight and 6 am.

**For sinks and floor drains:** 1.5-4 ounces per week or 2.5-8 ounces biweekly during low flow periods.

### PREVENTATIVE MAINTENANCE FOR RESTAURANT GREASE TRAPS

#### CASE STUDY DETAILS

Initiate a **BAC-EN-CLEAN** Program using an automated dosing system at KFC - Kentucky Fried Chicken, Milwaukee, Wis.

#### TEST RESULTS

After only 6 weeks BAC-EN-CLEAN neutralized the pH and reduced the total solids by 96% and soluble solids by 75%.



#### DAY 0

High solids content, foul grease odors and high BOD and COD.

*BAC-EN-CLEAN was added. The bacteria remained dormant until they reached organic waste, then enzymes were released to break down waste.*



#### DAY 48

**RESULTS:** BAC-EN-CLEAN bacteria completely digested the FOG and the only by-products were carbon dioxide and water.

**BOD, COD, and solids content were lowered, plus no foul odors.**