

## TECHNICAL DATA SHEET

# CLR PRO® BIO-ENZYMATIC DRAIN MAINTAINER

### DESCRIPTION

Bio-Enzymatic Drain Maintainer breaks down organic grime to promote free-flowing drains and septic systems.

### FEATURES & BENEFITS

- Live microbial formula digests and degrades fats, oils, grease, and provides exceptional odor control without harming pipes.
- Part of the EPA's Safer Choice Program recognizing the product as a safer alternative to harsh chemicals without sacrificing the quality or product performance.
- Can be safely used in grease traps, ponds & lagoons, septic tanks, and will keep drains flowing freely.
- NSF Certified—approved for use in food processing, food storage, and food service facilities
- Won't harm plant or marine life
- Contains no emulsifiers, added enzymes, surfactants, or fragrance
- Safe for all drains, pipes, and porcelain
- Starts working immediately
- Complies with LEED Green building product purchasing requirements

### DIRECTIONS FOR USE

- For drain line maintenance in kitchens, bath and laundry rooms—2 ounces per inch of drain diameter is the targeted measurement For a 2" drain: Add 8 ounces per drain as a start up seeding dose. Then add 4 ounces per week thereafter for maintenance. Increase doses accordingly for larger diameter drains and feeder lines.
- For best results with grease trap maintenance, start with a freshly pumped grease trap and introduce 32 ounce shock treatment directly into drain line closest to the trap or directly into the trap if access to trap is available and convenient. Thereafter, the recommended dosing is 16-30 ounce/day per 1,500 gallon trap.
- Septic Tanks—500 gallon tank would require 1-2 pints per week, up to 3,000 GA tank = 1-2 quarts per week, above 3000 gallons = 2-3 quarts per week.
- Ponds or wastewater lagoons - Add 1 gallon per day per million gallons of flow or per million gallons of water containment.

Product	Size	Stock #
CLR PRO® Bio-Enzymatic Drain Maintainer	1 Gal.	FM-BEDM128-4PRO
CLR PRO® Bio-Enzymatic Drain Maintainer	5 Gal.	FM-BEDM-5PRO
CLR PRO® Bio-Enzymatic Drain Maintainer	55 Gal.	FM-BEDM-55PRO

**Safety:** See label and SDS for precautionary instructions before use. Use appropriate safety equipment and job site controls during application, handling, and disposing. SDS is available online at [www.clrpro.com](http://www.clrpro.com).



### PHYSICAL & CHEMICAL PROPERTIES

Appearance	Light blue liquid
Odor	Odorless
Odor Threshold	N.D.
pH @20°C	7
Melting Point	N.D.
Freezing Point	N.D.
Boiling Point	100°C / 212°F
Boiling Point Range	N.A.
Flash Point	None
Evaporation Rate	N.D.
Flammability (solid, gaseous)	Not Flammable
Upper/Lower Flammability	N.A.
Vapor Pressure	23 hPa (7 mm Hg)
Vapor Density	N.D.
Relative Density @20°C	N.D.
Solubility in Water	Not difficult to mix
Partition Coefficient; n-octanol/water	N.D.
Auto Ignition Temperature	Not self-igniting
Decomposition Temperature	N.D.
Viscosity	N.D.
Solvent Content, Organic	0.0%
Solvent Content, Solids	0.1%

TDS-FM-BEDM0221



# CLR PRO® BIO-ENZYMATIC DRAIN MAINTAINER

1. What is the total capacity of the pond/lagoon in Gallons?
2. What is the Retention Rate of the pond (total number of days it takes to replace water?)

POND SIZE (GALLONS)	INITIAL SHOCK TREATMENT 55 Gallon Drum	RETENTION TIME (DAYS) - Gallons per treatment									
		1	2	3	4	5	6	7	8	9	10
< 50,000	1	2	1	1	1	1	1	1	1	1	1
100,000	1	4	2	1	1	1	1	1	1	1	1
250,000	1	8	4	3	2	2	1	1	1	1	1
500,000	2	20	10	7	5	4	3	3	3	2	2
750,000	3	30	15	10	8	6	5	4	4	3	3
1,000,000	4	40	20	13	10	8	7	6	5	4	4
2,000,000	8	80	40	27	20	16	13	11	10	9	8
3,000,000	12	120	60	39	30	24	21	18	15	12	12
4,000,000	16	160	80	52	40	32	26	22	20	18	16
5,000,000	20	200	100	67	50	40	33	29	25	22	20