

1207 SERIES

MULTI-STRAIN SPORE CONCENTRATE

POWDER

OVERVIEW

Grease clogs are often the cause of slow drains, sewage back ups as well lead to pest problems and rancid odors. Restaurants, hospitals, schools, and other institutions are prohibited from directly discharging grease into the city sewer system and must take precautions to prevent oil and grease from entering the sewer lines. Because of the regulations surrounding discharge, grease traps are essential to the operation of many businesses and organizations in a community.

DESCRIPTION

Our 1207 Series Products are formulated specially for grease traps and drain lines in restaurants and commercial buildings. When applied regularly our 1207 reduces grease accumulation in sumps, drains, and traps eliminating build-up and greatly reducing odors. As grease breaks down, the pH drops. This creates a harsh environment for the helpful bacteria. The 1207 series is a safe and effective choice for grease trap maintenance and designed to work effectively in lower pH ranges found in grease traps.

APPLICATIONS:

- I DRAIN LINE & GREASE TRAPS
- I WASTEWATER TREATMENT

ADVANTAGES:

- I REDUCES FOG, BOD, COD AND TSS OF DISCHARGE REDUCING WASTE COST AND SURCHARGES
- I BROAD SPECTRUM ORGANIC DEGREDDATION
- I MULTIPLE PACKAGING OPTIONS
- I EXTENSIVE STABILITY AND SHELF LIFE
- I UTILIZES THE POWERFUL WASTE DIGESTING ABILITIES OF SPECIFICALLY SELECTED, BENEFICIAL BACTERIAL CULTURES, AND THE NATURAL ENZYMES PRODUCED BY THESE CULTURES
- I PREVENTS THE ACCUMULATION OF SLUDGE, SCUM GREASE, AND OTHER ORGANIC SOLIDS
- I DESTROYS ODORS NATURALLY

GENERAL INSTRUCTIONS:

1. 1207 should be used every night before close. Before starting program it is recommended that you have your drain lines and grease trap cleaned.
2. In 2 to 5 gallons of lukewarm water (80-90 degrees F) stir in the correct amount 1207 product based on the size of your system. After a few minutes the particles will settle leaving the active ingredient suspended in solution.
3. Distribute the solution down each drain/sink/etc that leads to the grease trap
4. Do not add to the drain line that is connected to the dishwasher (do not use where water temperature exceeds 130 degrees F).
5. If you mix a dose double the dose the next day.

Note: Discontinue use of bleaches and quaternary compounds.



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DOSING SCHEDULE

COMMERCIAL APPLICATIONS:

2 OZ. DAILY – PER 500 GALLONS OF GREASE TRAP CAPACITY
(It is best to add through each drain line leading to the grease trap but applications can be made directly to trap)

RESIDENTIAL APPLICATIONS:

2 OZ. (2 TIMES PER WEEK) – PER 500 GALLONS OF GREASE TRAP CAPACITY

OTHER APPLICATIONS:

WASTEWATER TREATMENT SYSTEMS:

Dosage rates will vary with flow rates, retention times and system variations. The rates above are for a typical, well-maintained system.

Flow Rate	Initial Dosage	Maintenance**
Up to 1,000 GPD	1/2 LBS. per day for 3 days	1/2 LB. 2x per week
Up to 5,000 GPD	1/2 LBS. per day for 3 days	1 LB. 2x per week
Up to 20,000 GPD	5 LBS*	1 1/2 LBS 2x per week
Up to 50,000 GPD	8 LBS*	2 LBS 2x per week
Up to 250,000 GPD	15 LBS*	1/4 LB per day
Up to 500,000 GPD	25 LBS*	1/2 LB per day
Up to 1 MGD	50 LBS*	1 LB per day
Up to 2 MGD	50 LBS PER MGD*	1 LB per MGD per day
Up to 12 MGD	50 LBS PER MGD*	3/4 LB per MGD per day
Up to 100 MGD	30 LBS PER MGD*	1/2 LB per MGD per day

* Spread initial dose out over the course of 10 days

** Add as regularly as possible. If it is required to miss one day, add that day's product with the next days dosage.

ACTIVATED SLUDGE SYSTEMS:

Activated sludge systems include various process flow sheets for example: Extended Aeration, Contact Stabilization, Step Aeration, Oxygen Activated Sludge. The application rate for all products is based on the average daily flow rate to the aeration basin, excluding the return sludge stream.

LAGOON SYSTEMS:

For anaerobic and facultative lagoon systems, the application rate is based on the lagoon surface area:

Day 1 Through Day 5: - 15-20 LBS per Acre per Day
Day 6+: - 1-2 LBS per Acre per Week

STRAINS

I MULTI-STRAIN SPORE & VEGETATIVE BLEND



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TYPICAL PROPERTIES

I APPEARANCE	TAN POWDER
I FRAGRANCE	MILD
I FORM	POWDER
I SHELF LIFE	24 MONTHS
I pH	6.5 – 8.0
I EFFECTIVE pH range.....	5.0 – 10.0
I EFFECTIVE TEMPERATURE RANGE.....	5° – 50° C

BACTERIA CONCENTRATION

- I 5.1 BILLION CFU/GRAM

PACKAGING

- I 30, 50, 100, 400 AND 2,000 LB. CONTANERS
- I ALSO AVAILABLE IN 2 OZ., 4 OZ., 8 OZ., AND 16 OZ. WATER-SOLUBLE BIO-PACKETS

Caution: May irritate eyes. Keep out of the reach of children.

FOR MORE INFORMATION VISIT OUR WEBSITE: www.rex-bac-t.com

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