

1205 SERIES

FOOD PROCESSING BLEND

POWDER

OVERVIEW

From the small food operations to large scale food processing plants, waste water is a major concern. The accumulation of fats, oils and grease, and high levels of BODs, makes it increasingly difficult to adhere to the environmental regulations governing the amount of waste that can be pumped into our sewers. There are generally 3 options that food processing facilities have in order to remain in compliance:

1. Frequent pumping of grease traps along with transportation of waste to dumping sites or incineration facilities. This is both costly and time consuming.
2. Chemical cleaners. These are not the most effective and are generally very corrosive and may be dangerous.
3. Series 1205 is a microbial blend customized to work effectively in these environments. The 1205 series is a natural bacterial consortium formulated to meet the demand of maintaining grease traps, drains, plumbing lines, sewers and wastewater pre-treatment facilities, free from blockages caused by fat, oil and grease (FOG) accumulations and reducing BOD. These benefits will greatly increase the amount of time between scheduled grease trap pumpings/cleanings, keep effluent well below the discharge limits and yield a drastic reduction in the overall grease cap and solids build up on the bottom of the trap.

In addition, our 1205 contains surface tension depressants and penetrants that loosen and liquefy heavy grease deposits, thereby assisting in their biodegradation.

APPLICATIONS:

- I WASTEWATER PLANTS
- I HOLDING TANKS
- I REACTORS & CONTRACTORS
- I WASTE PUMPS
- I GREASE TRAPS
- I OXIDATION DITCHES
- I LAGOONS ACTIVATED SLUDGE
- I LIFT STATIONS

ADVANTAGES:

- I REDUCES FOG, BOD, COD AND TSS OF DISCHARGE REDUCING WASTE COST AND SURCHARGES
- I BROAD SPECTRUM ORGANIC DEGRADATION
- 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
- I CONTAINS NO CHEMICALS
- I INCREASES SYSTEM EFFICIENCY



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DOSING:

SEWERS (RATES ARE PER 4,000 FEET)		
Gravity Sewer	Initial Dosage	Maintenance**
4"	0.50 LBS	1.00 oz
6"	1.25 LBS	1.50 oz
8"	2.00 LBS	.25 LBS
10"	3.00 LBS	.35 LBS
12"	4.00 LBS	.50 LBS
18"	7.00 LBS	1.00 LBS
18"	9.00 LBS	1.25 LBS
24"	11.00 LBS	1.50 LBS

TREATMENT PLANTS		
Flow Rate	Initial Dosage	Maintenance**
Up to 1,000 GPD	1/2 LBS. per day for 3 days	1/2 LB. 2-3x per week
Up to 5,000 GPD	1/2 LBS. per day for 3 days	1 LB. 2-3x per week
Up to 20,000 GPD	5 LBS*	1 1/2 LBS 2-3x per week
Up to 50,000 GPD	8 LBS*	2 LBS 2-3x 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

GREASE TRAP SYSTEMS:

For traps less than 20 cubic feet dose with ¼ pound daily by pouring in a sink or pipeline closest to the trap. This should be done at night or when the traps are used the least. After adding, flush down with a small amount of lukewarm water. For grease traps larger than 20 cubic feet, add 8-10 oz. daily (larger traps add 2x per day) using the same procedure.

Note: Minimize use of chlorinated / quaternary compounds.

TYPICAL PROPERTIES

- I APPEARANCE TAN POWDER
- I FRAGRANCE MILD
- I FORM POWDER
- I SHELF LIFE 24 MONTHS
- I EFFECTIVE TEMPERATURE RANGE..... 34-120 DEGREES F
- I

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

