



Engineered Chemistries
SUPERIOR SOLUTIONS

Bio Guard GD

GREASE DIGESTER

NON-ACIDIC • ALL NATURAL • BIODEGRADABLE • ENZYME FORTIFIED • ORGANIC ODOR ELIMINATOR

BIO GUARD GD is the natural solution for grease and waste disposal. This extra strength formulation contains billions of natural safe bacterial cultures and fast acting enzymes that liquefy and digest organic waste. Once the waste is liquefied, drain lines, grease traps and septic systems will operate properly and flow freely. Highly effective on fats, oils, grease, vegetable matter, paper, starches, carbohydrates, hair, soap, proteins, paper, animal and human waste.

BIO GUARD GD possesses both aerobic and anaerobic growth capabilities. It is highly resistant to detergents, disinfectants, sanitizers, free chlorine and high heat temperatures. It will drastically reduce odors from any organic waste. It will eliminate drain blockages caused by chemical residues generated in MRIs, CAT scans and all other x-ray equipment. With consistent use **BIO GUARD GD** will reduce the biological oxygen demand (BOD), chemical oxygen demand (COD), and total suspended solids (TSS), of any organic waste collection system.

BIO GUARD GD contains no acids, caustics or solvents. Totally harmless to plumbing fixtures and pipes. It is biodegradable, non-pathogenic to humans and animals and certified salmonella free.

GREASE TRAP MAINTENANCE

With regular maintenance dosages **BIO GUARD GD** will keep traps free flowing while reducing odors, not only preventing clogs, but reducing expensive pump outs. Although not always necessary, a **BIO GUARD GD** program will be most effective when started just after the grease trap has been pumped out. Add **BIO GUARD GD** directly to trap through drain. For best results, grease traps should be treated daily during a period of lowest flow to the system. The use of a timed metering pump is highly recommended to maximize program effectiveness. Consult your Wechem sales consultant for a dispensing equipment recommendation. Dosage rates will vary depending on system size and amount of waste flushed into the system. Utilize the following information as a starting point:

TRAP CAPACITY	DAILY DOSAGE
50-100 gallons	20-25 ounces
100-250 gallons	25-30 ounces
250-500 gallons	35-45 ounces

DRAIN LINE MAINTENANCE

Drain blockages can require costly mechanical intervention and downtime during cleanup. All wastes will be quickly liquefied into carbon dioxide and water using **BIO GUARD GD**. To keep drains free flowing and odor free use **BIO GUARD GD** a minimum of twice per week. Add four ounces of **BIO GUARD GD** for every two inches of drain line diameter. Our battery-operated Model 1080 "Autodose" dispenser uses none of your valuable electrical outlets. It automatically injects up to four ounces of **BIO GUARD GD** at seven intervals daily. Drains should be shocked initially by pouring two to three, gallons of **BIO GUARD GD** directly into the drain. Immediately begin the auto injection system as outlined above. **BIO GUARD GD** is safe on all types of pipe. Your Wechem sales consultant can assist in the installation of the system.

UNSTOPPING CHOKED OR CLOGGED DRAINS

FOR X-RAY WASTE, initially shock the system with a substantial dose of **BIO GUARD GD** based on the severity of sluggishness or clogging. This should be added directly into the drain followed by an equal amount of warm water. Consult your Wechem sales consultant for more details. Then begin your "Autodose" intervention program as outlined in the drain maintenance section. In multiple floor buildings, always start this process on the lowest floor and work up.

MUNICIPAL SEWERAGE SYSTEMS

Use **BIO GUARD GD** to improve and stabilize the performance of any biological waste-water system. Add two gallons of **BIO GUARD GD** per million gallons daily flow. Add into the waste stream after the primary clarifier in a location where adequate mixing will be achieved.

OTHER SUGGESTED USES:

Septic Tanks: Use to restore system function, reduce solids and eliminate odors. **Initial treatment/shock treatment recovery:** Add one gallon initially for every 1,000 gallons system capacity. **Maintenance:** Add one quart per month for each 1,000 gallons system capacity. **BIO GUARD GD** also enhances the action and condition of tile and soil absorption fields. It will reduce soil clogging, eliminate odors and improve drainage.

A/C Systems: Add **BIO GUARD GD** directly to condensate drip pans and drain lines to flush away organic contaminants. **BIO GUARD GD** is totally harmless to pans and drains.

Garbage Disposals: To eliminate waste build up and odors. Add four ounces of **BIO GUARD GD** with one cup warm water. Turn on disposal, add solution. Turn off unit and allow to stand.