

Information about StopOderz CleanOut Probiotic Drain Foam

BIO-SANITATION BACKGROUND

The buildup of fats, oils, grease (FOG) and other organic matter can create problems in commercial kitchens ranging from floor drain and sewage backup to slip-and-fall cases, creating food and harbourage for cockroaches and small flies. Foul odours caused by organic materials (scum) buildup in drains, garbage disposals, dumpsters, and can be prevented and eliminated with the recurring use of bio-sanitation products.

StopOderz Drain Foam is a bio-sanitation product, not a pesticide. They are a unique class of "green" bio-cleaners specialised to reduce organic debris, eliminate odours and counteract negative sanitation practices, all of which are the key to providing a safe and clean environment. CleanOut drain foam is designed to break down and prevent the buildup of starches, proteins, fats, oils, cellulose and other organic waste, and eliminate intense odour-causing situations in commercial and residential settings.

HOW DO BIO-SANITATION PRODUCTS WORK?

We encounter beneficial microorganisms daily in products from yogurt to water treatment. The beneficial probiotic microbial spores found in bio-sanitation products such as CleanOut Drain Foam are microscopic living organisms in a dormant form. Once they are applied to a favourable environment (i.e., moist areas with organic debris), they begin to reproduce rapidly, doubling in population every twenty minutes. These activated probiotic microbes continuously produce enzymes to digest and consume the organic debris, eliminating the source of the problem and preventing Odors. Bio-sanitation products penetrate deep into cracks and crevices – often in places where regular cleaning can't reach – and continue to work around the clock to digest and remove organic matter. As long as conditions remain favourable, the microbes will continue to reproduce and create the necessary enzymes to do the job. Once conditions change, they revert into dormant spores, but will germinate and produce new active cells to start the process again if conducive conditions return. This provides your client with a much longer-term solution that only requires follow-up treatments to spike the number of active colonies. It also replaces colonies lost to water flow, cleaners or natural processes. Remember, organic debris isn't necessarily "food" debris; it can come from any source. And certainly, residential customers often have a need for bio-sanitation with slow-running drains, biofilm buildup in floor drains smelly washing machines, garbage disposals, dishwashers and septic tanks.

POSITIVES OF BIO-SANITATION

- Environmental responsibility from reducing chemical and cleaner use
- Reduced risk to employees
- Reduced long-term cost of sanitation because products do not need to be applied as often
- Long-term effective action because chemical cleaners only provide short-term effectiveness
- Removal of organic debris, which helps to control odour at the source

SOLVING DRAIN PEST ISSUES.

StopOderz CleanOut probiotic drain foam – *The solution to control drain fly & cockroaches in commercial kitchens*

Inspect: Prior to treating for cockroaches and drain flies, a thorough inspection should be completed to identify breeding sites. There are many potential areas that serve as breeding sites for flies and cockroaches. Sewers, septic tanks and grease traps provide the right conditions for insects to harbour. Removing the breeding site is the most important part of a drain fly and cockroach control program.

Clean: Regularly clean any floor drains. Use **StopOderz** Probiotic drain products to eat the organic matter where the flies and cockroaches breed.

Treat: Drain flies

Use **StopOderz** Probiotic Drain cleaner products in the drains, sewers, septic tanks and apply to the surface of kitchen floors and walls. The use of a drain cleaning treatment such as **StopOderz** Probiotic drain concentrate will remove the organic debris, improving sanitation and water flow.

Remove all organic debris trapped in small cracks and crevices under the legs and bottom edges of kitchen equipment. The debris needs to remove and thoroughly dried and a long lasting caulk applied to seal the crack.

StopOderz Probiotic drain foam aerosol is a ready to use product which is convenient to use in commercial establishments. It is a concentrated probiotic foam designed to attack scum and eliminate odours. Apply into to cracks, crevices and drains where small flies breed Use this a part of an integrated pest management tool.

Monitor. Schedule regular maintenance visits to gain control. Measure and document the treatment plan through the use of sticky monitor traps or tap placed over drains to assess insect pressure. The use of Chaindrite2 metered pyrethrin aerosols dispensed from a metered timer and placed over rubbish bins and external doorways will provide reduced insect pressure

Treat: Cockroaches

There are a number of solutions Pest Managers can employ to eliminate cockroaches and reduce drain attraction as a harbourage for pests.

1. Exterior Treatments. Proactive perimeter pest control is necessary, including habitat reduction around the outside perimeter, a barrier spray on the foundation and around entry points, and application of a band of moisture-resistant granular bait applied outside the spray barrier. Always read the label to determine what products can be used and where.

2. Drain Cleaning. Maintaining drain cleanliness through using probiotic foam cleaners can provide continued pest suppression through removing the conditions conducive to insect breeding.

3. Drain Treatments. Some pesticides can be used in and around drains, but many cannot, so read labels before applying. If there is any movement in the drain, especially if water is flowing, be careful about chemical use; ensure that you don't contaminate groundwater or areas where water drains out (such as into an open stream).

4. Drain Traps. Traps in drain lines need to be installed and working properly to help prevent roaches from entering drains and coming into the facility through the sewer or outdoor water treatment facilities. The water trap seal valve sits in the drain, letting water flow out, but not allowing insects to move up into the facility. The traps also can eliminate gasses and odours that can come up through drains and attract insects.

5. Interior treatments. Cockroaches can harbor in tight spaces under and behind equipment, in stainless steel table legs, behind and under cracked tile, and in wall voids that are accessible through plumbing and utility penetrations. Inspect these areas for cockroaches by using a flushing aerosol. Once harbourages are identified a non-repellent targeted aerosol spray (Such as ClearOut PLUS IGR Aerosol) by treating cracks and crevices. In addition, use a Cockroach bait to clean up the remaining cockroaches and ensure cockroach baits are rotated to avoid bait resistance is minimised.

Monitor. Schedule regular maintenance visits to gain control. Measure and document the treatment plan through the use of sticky monitor traps placed under ovens, refrigerators and hot water tanks.

Clean drains equal fewer pest issues