



SCOPE OF SERVICE:

BAC-AZAP®

DRAIN CLEANING & ODOR CONTROL



NISUS™

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INTRODUCTION

Bac-Azap is a professional quality ready-to-use liquid formulation specifically designed for drain cleaning, cleaning floors and elimination of odors emitted by organic materials in commercial and residential accounts.

DESCRIPTION

Bac-Azap is a combination odor control and cleaning product first introduced into the pest management industry in the early nineties. Over the years this product has been enhanced into an extremely effective, specially designed 7-strain group of non-pathogenic microbes. The new Bac-Azap uses *Bacillus* microbes. These microbes were scientifically selected for their superior profiles and high-performance advantages against the most forms of organic debris and odor causing materials.

This 7-stain microbe group produces billions of colony forming units that attack, consume and eliminate organic debris and control the odors that emanate from these materials. The unique formula in Bac-Azap also has an additional “odor capturing” function not found in other industry microbial products. This unique function binds with odor-causing molecules to eliminate odor.

Areas of application: Bac-Azap can be used directly to consume organic debris and eliminate odor sources. Bac-Azap can be applied into drains as a liquid or foam for cleaning out the organic debris, put into mop or rinse water to help clean areas of organic debris, applied into crawl spaces or attics as liquid spray or fog or applied to almost any surface to prevent organic odors.

Bac-Azap can be applied directly to urine, feces, vomit, grease, fats, proteins, decomposing plant material (composting), decomposing animal matter, skunk odors, garbage and dumpster odors, pet odors and will remove grease build-up in drain lines.

Note: *Bac-Azap is not an insect or fungal control product and is only labeled for cleaning drains, consuming organic debris and eliminating odors.*

ECO-BENIGN BY DESIGN

Bac-Azap's chemistry and active microbes are designed to naturally consume organic matter. This makes Bac-Azap one of the most environmentally responsible microbial products available. Once the organic matter is consumed, the microbes die and the only byproducts are **CO₂** and **water**.

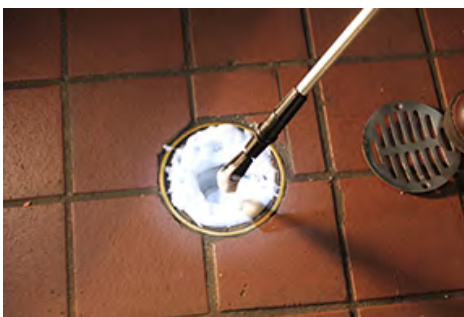
Because Bac-Azap is not a pesticide, it can be applied by pest professionals, restaurant employees or homeowners for drain cleaning, mopping or odor control.

DRAIN CLEANING

Bac-Azap can be poured directly into drains to consume and eliminate organic debris and clean the drain line. Initial start-up application on new drains may require an application of 4-6 ounces applied daily for 5-10 days depending on the amount of debris being held in the drain line. Heavy debris may also require a drain brush on the initial cleaning.

Commercial Drains: Pour 4-6 ounces of Bac-Azap into each drain where grease and organic debris can accumulate. For best results, apply at the end of the day to allow for undisturbed overnight action. If drain is not regularly used, apply 2- 3 gallons of water into drain prior to Bac-Azap application. After the initial start-up application, a maintenance treatment of 4-6 ounces once or twice a week can be applied to keep drains clear.

Residential Drains: Pour 4-6 ounces of Bac-Azap directly into each drain where grease, organic debris and other debris may accumulate. Bac-Azap can be applied into floor drains, sink drains, disposals, shower drains and tub drains. After initial treatment, a maintenance application of 4-6 ounces once or twice a week can be applied to keep drains free of debris.



Foaming Drains: Bac-Azap can be applied as foam into floor and sink drains, under heavy kitchen equipment and other areas by using a TrueTech® PowerCart 2000 foaming unit. Do not dilute. Even though Bac-Azap can foam by itself in the unit, we suggest adding an additional 1-2 ounces of ProFoam® Platinum to the solution to allow for more

Platinum uniform foam. Using the TrueTech application tip for drains, foam the Bac-Azap down into the drain. The foam allows the product to reach deep down into the drain systems, back behind equipment and other hard to reach areas to consume and eliminate organic debris and odor.

TrueTech spray, foam and misting equipment is designed to provide the pest management industry with maximum flexibility and effective application and



treatment options. Applicators can choose from dry foam, wet foam and liquid spray applications. (See the TrueTech Tech sheet for additional information.)

MOPPING

Bac-Azap can be used as a wash on tile, concrete or ceramic floors to clean, consume and eliminate decaying food and organic debris caught in the cracks, crevices and caulk lines of the floor. The product can be diluted with 1-2 parts water to maximize coverage.

Note: The use of harsh floor cleaners, disinfectants and bleach products will severely affect the efficacy of Bac-Azap and all other microbial cleaning agents.



DRAIN & FLOOR USE WITH NIBOR-D

Bac-Azap in conjunction with Nibor-D: Bac-Azap is specially formulated to work with and not be affected by Nibor-D when used in conjunction with a control application. When it is combined with Nibor-D, you not only get fly control in the drains, but you also get the microorganisms in Bac-Azap that begin to consume the slime layers in the drain to clean and eliminate those organic materials.



Note: Bac-Azap and other microbial products used alone are only drain *cleaning* agents, and no claims can be made for fly control.



Drains: Mix 3/4 gallon (3 quarts) water with 1 quart Bac-Azap to make one gallon. Add 8 oz. by weight (2.5 cups by volume) of Nibor-D to solution (5 % solution). Add 2-3 oz. of ProFoam Platinum to solution. Place solution into TrueTech foaming machine to foam drains.

Mopping: The same 5% Nibor-D solution can be used as a liquid mopping solution in conjunction with Bac-Azap on kitchen floors for small fly control. This solution will diffuse into the cracks

in the grout where food materials and organic matter will accumulate creating a toxic bait of that material and stop fly development as the Bac-Azap consumes the organic food matter. One quart of this mopping liquid solution can also be poured into each drain.

(See Nibor-D label and Fly Control Scope of Service Bulletin for more information about foaming drains and mopping.)

Carpets: Bac-Azap can be used undiluted on carpet areas to eliminate organic stains or odors. Apply at the rate of 1 quart per 100 square feet (3 fluid ounces per square yard) of carpet area. Bac-Azap is

formulated to be non-staining, but always test a surface in an inconspicuous spot for colorfastness. Bac-Azap helps eliminate stains on carpets caused by pet urine and feces. Before cleaning the area with any type of cleaning agent thoroughly soak the spot with Bac-Azap and place a wet cloth on the area and leave for 24 hours. The Bac-Azap will consume the organic matter and deodorize to ease any additional clean up that may be necessary.

ODOR CONTROL

Bathrooms: After cleaning, spray walls and fixtures with an undiluted or one part water to one part Bac-Azap solution to prevent lingering odors. Pour 4-6 ounces of Bac-Azap into drains and urinals at the end of the day to help prevent odors.



Garbage cans, refuse containers and dumpsters: Empty containers and clean with water as often as possible to remove excessive debris. Spray Bac-Azap on a regular basis to floor and side surfaces to point of wetness to control odors and consume organic matter. Apply one quart of Bac-Azap per 100 square feet of surface area. In large dumpsters, Bac-Azap can be applied as foam and in conjunction with Nibor-D as a control agent. This is an excellent location to use the TrueTech HF foamer to coat all floor, walls and organic debris.



Bird, bat & rodent droppings, dead animal odors: Bac-Azap can be sprayed on bird and bat fecal droppings and applied to rodent droppings and urine stains to help control odors. Clean areas of excess fecal material using the proper personal protective

gear such as, but not limited to, HEPA respirator, gloves and eye protection. Apply Bac-Azap to the affected area to eliminate the odors and consume the remaining organic fecal matter. Bac-Azap can also be applied to areas where a rodent or other animal has died. Remove the animal and apply Bac-Azap to the area. Apply Bac-Azap to all areas listed above at the rate of one quart per 100 square feet of area.



Note: Bac-Azap does not disinfect the area. It only provides for the consumption of organic matter (such as feces) and odor control. Applying a disinfectant to the same areas will affect the odor control and efficacy of Bac-Azap.

Crawl spaces and basements: Bac-Azap can be applied to crawl spaces and basements as a liquid application or as a fog application. *Liquid:* Spray Bac-Azap onto surfaces or dirt areas that may be producing or retaining odors from mold, mildew, sewage, wildlife and pets. Apply as a liquid at the rate

of one quart per 100 square feet of surface area. Wear respirator and eye protection in confined areas. (*Note:* Again, Bac-Azap is not a control agent; it only works to control and eliminate odors.) *Fogging:* Bac-Azap can be fogged into confined areas, such as crawl spaces or attics using a fogging device. Dilute to 2 parts water to one part Bac-Azap and apply as a fog at a rate of one gallon per 1000 cubic feet of space. *Note:* Do not fog into areas where people or pets are present and wait until fog has dissipated before allowing re-entry.

CONSUMER LEAVE-BEHIND

Bac-Azap is professional odor control product and is also an excellent consumer leave-behind product for your customer to use on a day-to-day basis. Commercial restaurants can use the product as a mopping agent to consume and clean organic debris off floors, in grout cracks and in drains, and apply into garbage cans and refuse containers. Homeowners can use the product around the house to control organic odors in carpets, kitchen drains and disposals, bathrooms, pet areas and cat litter boxes and garbage cans, to name a few. The product can be sold separately or included in the price of service.



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