

## QUESTIONS & ANSWERS

### ***How can such a small amount of BIO-CLEAN be effective in plumbing?***

There are millions and millions of bacteria in each spoonful. Each one will eat its weight of waste every 60 seconds. They double in number every 30 minutes, and as they multiply they will spread throughout the entire drain system.

### ***Will it work on a clog?***

If the material is biodegradable, yes. However, in most cases, the stoppage is not caused by a blob of something in the trap. Most likely, it is several feet of pipe that is filled with "gunk", and it may take several days for the bacteria to eat through this long blockage. Therefore, it is suggested that a mechanical cable be used to restore the flow. Then begin **BIO-CLEAN** treatments to remove any remaining waste build-up. Regular maintenance treatments will prevent new build-up.

### ***How long will it take to see the results?***

Some people notice improvement in a day or two. Almost everyone will see results in one to three weeks. Note: The cleaning process is not completed with the initial five day treatment. The length of time is determined by the type of material the buildup is comprised of (grease, soap, hair) and the length of the lines. Hair takes the longest to digest.

### ***Should the toilet be flushed after pouring BIO-CLEAN into the bowl?***

Do not flush for 6-8 hours. The quart of mixture poured into the bowl pushes one quart of water and mixture out of the bowl into the stack. The enzymes and bacteria carried out in the quart leaving the bowl are deposited on the gunk coating the pipe. In the following 6-8 hours they embed themselves in the gunk so that when the toilet is next flushed they will not be flushed out.

### ***Aren't chemical drain openers much stronger than BIO-CLEAN ?***

The strongest chemical in the world can't climb the side walls of horizontal pipes. Gravity makes all chemicals run along the bottom. Nor can chemicals remove much waste in vertical pipes because they flow through so quickly. The bacteria in **BIO-CLEAN** are live and will go anywhere there is food. They will remove the gunk chemicals leave behind. And chemical drain cleaners are only a temporary solution.

### ***Does BIO-CLEAN contain any acid, lye, solvents, perfume or poisonous substances?***

No. **BIO-CLEAN** is a natural and safe product for people, pets and the environment.

### ***Will BIO-CLEAN attack tree roots?***

Only roots that are completely dead. Roots enter sewer pipes seeking the rich organic food supplied by the buildup. As roots feed on the waste they grow, branch out and eventually restrict flow. Periodic use of enough **BIO-CLEAN** and water to reach the root area will eliminate the waste they seek. In this manner, the use of **BIO-CLEAN** discourages root growth in sewers. (For root intrusion, see RootX)

### ***Can BIO-CLEAN really help a septic system?***

Absolutely- in several ways. The bacteria in **BIO-CLEAN** are specially selected to digest a larger variety of waste, and metabolize it **faster** than naturally occurring bacteria or yeast additives. Oils, fats, grease and paper are very difficult for septic bacteria to handle. **BIO-CLEAN** is very effective on these materials. It **increases** solids destruction, so **fewer** pump-outs are needed and that means money saved. **BIO-CLEAN** digests **100%** of all biodegradable waste whereas **Government Literature states** that only up to **40%** of the biodegradable waste is digested by septic bacteria normally present in sewage.

More complete digestion also means fewer undigested solids leaving the tank. These solids would otherwise form a black goeey accumulation in the septic field and prevent water absorption by the soil. Therefore, **BIO-CLEAN** extends the life of a septic field.

### ***Are any chemicals incompatible with septic systems?***

Yes. All anti-bacterial products such as: Chlorine, anti-bacterial products, antiseptics, sanitizers, chemical drain openers, paint, lye, acids, cationic surfactants and food preservatives. And in general, anything that is inorganic (not biodegradable). Try replacing chemicals with natural products or severely reduce use.

### ***Does a garbage disposal and/or automatic dishwasher affect a septic system?***

Yes - in two ways. Disposals add greater loads. Without frequent **BIO-CLEAN** treatments, faster accumulation of solids in the tank occurs. Most automatic dishwashing compounds, either powder or gel, contain chlorine, which is damaging to all biological activity. For the least overall problems, don't use the disposal for material that could go into solid waste or be composted. Use non-chlorinated, biodegradable dishwashing compound and treat kitchen drain regularly with **BIO-CLEAN**. A complete list of recommended products is available from your authorized **BIO-CLEAN** dealer.

### ***Does BIO-CLEAN stop odors?***

Yes, by digesting the waste which is the source of odor.

### ***Does BIO-CLEAN digest hair?***

Yes. However, it does take much longer than most any other organic material. In drains, soap scum, skin oils, etc. bond hair to pipe surfaces. **BIO-CLEAN** digests these other materials more quickly, which releases the hair to wash downstream.

### ***How does BIO-CLEAN compare with liquid biological products?***

**BIO-CLEAN** is more concentrated, more uniform, more stable (longer shelf life) and more economical. Liquids depend upon preservatives to keep the bacteria dormant while in the bottle. Most have a high percent of surfactant to emulsify oils and fats, not digest them. Enzymes in solution interact with each other, which results in shorter shelf life and/or a single enzyme product.

### ***Does BIO-CLEAN stop odors coming from a cat litter pan?***

Definitely. Best results can be obtained by washing and drying pan thoroughly and then sprinkling the bottom with **BIO-CLEAN** before adding new litter and lightly coating the top with **BIO-CLEAN**.

### ***What is the shelf life of BIO-CLEAN ?***

Several years if kept dry at a constant normal temperature.

### ***Environmentally, does BIO-CLEAN help or hurt?***

**BIO-CLEAN** is a great help and in no way hurts the ecology. The active ingredients in **BIO-CLEAN** are enzymes and bacteria which speed up the natural digestion of organic material. This is the only process that recycles organic waste back to plant food. **BIO-CLEAN** is not harmful to pets or marine life. It is so safe a child can apply it. Because its action is natural, it enhances nature's ability to cope with man's pollution.

### ***What if I am not satisfied with the results?***

**BIO-CLEAN** comes with 100% money back guarantee. **First**, make sure all instructions were carefully followed. **Second**, allow enough time for the conditions involved. If you still don't have favourable results, send the specific details and your telephone number to us.