

## **D-FOG**

LIFT STATION CLEANER

No. 896

### **DESCRIPTION:**

**D-FOG Lift Station Cleaner** is used to clear lift stations and wet wells of FOG (Fats, Oils, and Greases) and solids accumulations. It can be used anywhere animal or vegetable FOG accumulate in waste water systems, such as sand filters and transmission lines. **D-FOG** is non-toxic, biodegradable, environmentally safe, and meets the criteria for a degradable product as determined by a modified sturm test (40 CFR 796.3260). **D-FOG** is a unique organic coupling agent that accelerates the activity of existing bacteria by making their food source more accessible to them by breaking up and suspending fats, oils and greases as well as solids.

### **FEATURES:**

**D-FOG** is disbursed by, and uses the effluent as a delivery agent. It attaches to the grease molecules, causing the FOG to become water soluble, and binds the FOG molecules to the effluent until all are digested by the naturally occurring bacteria which are drawn to the negative end of that pairing.

**D-FOG** does not interfere with the natural digestion process nor introduce another strain of bacteria into the system. It is 100% organic; it is actually a food for the bacteria.

**D-FOG** is not affected by accidental or rogue introduction of petroleum hydrocarbons as some enzyme/bacteria cleaners can be; it simply keeps the FOG molecules in suspension and more available to digestion by the resident bacteria.

**D-FOG** breaks up and suspends solids; unlike enzyme/bacteria additives, solids blankets are no longer a problem. This means that resident bacteria can do a more thorough job of digestion of the suspended solids.

### **DIRECTIONS FOR USE:**

Place 20 oz. of **D-FOG** into one gallon of water in a pump-up type garden sprayer. Spray all affected surfaces, blankets, walls, floats, pumps, and anything else that is affected or causing an effect. Spray a six-foot diameter of area with one quart of mix for each one inch of FOG depth. (Four inches of depth equals one gallon of mix. Eight inches equals two gallons of mix etc.) Apply twice a day, preferably at the lowest level to allow dwell time or agitation from incoming effluent before the next pump cycle. Follow this procedure for at least three days. If there is anything left, or if there appears to be no change (as when dealing very thick blankets that are old and dry), break up with a stiff water stream and repeat if necessary; it should then pump away, leaving the lift or well with a significant improvement. Then once a day place 10 ounces of **D-FOG** in five gallons of water, throwing at any accumulations. The natural agitation will keep the lift clean. Unless you have is an extremely high volume or velocity application for the sizes indicated or your lift has been neglected for some time, there should be obvious improvement after three to five days. Photographs will reveal changes which may be missed by the

mind's eye. Where a sanitary tee is encountered, extra time is required for the same results due to the lack of agitation.

Some dilution of FOG on screens and in the scum basin at the plant should be seen in four to seven days. As long as at least one part of **D-FOG** to two million parts of effluent is maintained the lift station will keep free of FOG as long as **D-FOG** is used.

Reduced application is usually seen with the use of automatic equipment, keeping costs of **D-FOG** at a minimum. Equipment needed is all off shelf so there is no need for exotic hardware, facilities, or handling precautions.

**TYPICAL SPECIFICATIONS:**

Form	Liquid
Odor	Mild, Sweet
Boiling Point	212°F
Color	Blue
Toxicity	Non-Toxic
Freezing Point	32°F
Flash Point	None
Solubility on Water	100%
Shelf Life	One Year

*Values shown here are typical, and may vary.*