

# Micro-Blaze®

## F•O•G

**Micro-Blaze® F•O•G**, for treatment of **Fats, Oils, & Grease**, is a non-toxic formulation of biological activators and selected non-pathogenic microbes that solves restaurant drainage line problems caused by a buildup of fats, oils, and grease in commercial kitchens and drain lines. It eliminates odors and prevents grease buildup in grease traps.

**Micro-Blaze® F•O•G** is also used in municipal collection lines, lift stations, and wastewater treatment plants to keep lines free flowing, reduce odors, and make wastewater treatment plants more efficient and effective by treating the waste before it gets to the plant.



### Benefits:

- **Micro-Blaze® F•O•G** contains a blend of microbial species that rapidly degrade grease, short-and long-chain fatty acids, proteins, lipids, cellulose, and carbohydrates.
- **Micro-Blaze® F•O•G** does not simply transfer the problem downstream. The microbial consortium actually degrades and digests grease and scum from drain lines and grease traps.
- The microbial blend in **Micro-Blaze® F•O•G** controls odors by degrading malodorous volatile fatty acids produced in septic or anaerobic environments.
- **Micro-Blaze® F•O•G** specifically degrades long-chain fatty acids that are known to be persistent in the environment and which cause the majority of grease trap and drain line maintenance and treatment problems.
- The partial breakdown of grease can cause pH to drop, creating an environment that is inhibitory to most bacteria. **Micro-Blaze® F•O•G** is not only active at these low pH levels – it alleviates low pH problems by breaking down both short-and long-chain fatty acids, creating an environment more amenable to active microbial degradation.
- **Micro-Blaze® F•O•G** is an environmentally friendly formulation that will not damage pipes, drain lines or grease traps.

**Procedures and Application Rates on Reverse Side**

## Procedures and Application Rates:

### *Restaurants:*

1. Pump out the grease trap prior to starting the initial treatment.
2. Prime the grease trap by adding 1 quart of *Micro-Blaze*<sup>®</sup> F•O•G concentrate directly in the floor drain that goes into the grease trap.
3. Daily dosage thereafter at a minimum of 20 ounces per day up to 32 ounces per day of *Micro-Blaze*<sup>®</sup> F•O•G concentrate, depending on the number of meals prepared per day and the volume of the grease trap. May also be dispensed by automatic pump system or by floor mopping or by a combination of the two.
4. It is advised to apply the *Micro-Blaze*<sup>®</sup> F•O•G with an automatic pump dosing unit to ensure proper dosages on a daily basis. *Micro-Blaze*<sup>®</sup> F•O•G can also be used in the mop bucket by adding 20 ounces to 32 ounces to the water in a standard commercial size mop bucket [35-44 quart capacity] to mop floors. After mopping, pour the remaining contents of the mop bucket down the floor drain to treat the drain line and the grease trap

### *Municipal Collection Lines and Pumping Stations:*

1. Apply *Micro-Blaze*<sup>®</sup> F•O•G at selected pumping stations collection lines as far up the line from the treatment plant as possible using a metered pump or automated drip system at the rate of 1 gallon for each 1 million gallons of influent per each 24 hours.
2. Apply the *Micro-Blaze*<sup>®</sup> F•O•G at as many pump stations around the entire collection system as desired or needed so that the cumulative daily dosage equates to approximately 1 gallon of *Micro-Blaze*<sup>®</sup> F•O•G for each 1 million gallons of influent processed each 24 hours by the wastewater treatment plant.

**NOTE:** Limit the use of bleaches, sanitizers, and other strong chemicals as they can limit or eliminate the effectiveness of the microbes in *Micro-Blaze*<sup>®</sup> F•O•G.

**Storage and Handling:** In its original container, in its concentrated form, and stored within the temperature range of 35° F and 120° F, *Micro-Blaze*<sup>®</sup> F•O•G will have a shelf life of over 10 years. As with all products: keep out of reach of children; do not take internally; wash thoroughly after handling; avoid breathing mist; may irritate eyes. Use with adequate ventilation.