

# BIDDING SPECIFICATION

## Micro-Solve®

### Scope

It is the intent of this specification to procure a product designed to solve many of the problems associated with handling and treatment of animal fat, grease, and oil. Micro-Solve® acts on grease by liquefying the solids into a condition that prevents the grease from caking and building up on the walls, thus improving the overall efficiency. It also accelerates the growth of naturally occurring digestive bacteria in both aerobic and anaerobic condition.

### Description

1. A non-water soluble based (that will float on water) solution containing a proven combination of demulsifiers, corrosion inhibitors, de-foamers, and organic compounds designed to accelerate growth of facultative sewage organisms.
2. Product to be completely biodegradable.
3. Product must be proven to break down and bioremediate at least 70 percent of grease and oil build-up.
4. Product must be acceptable for use in sewage and/or drain lines of official establishments operating under the Federal Meat, Poultry, Shell Egg Grading and Egg Products Inspection Programs by the United States of Agriculture.
5. Not an enzyme product.
6. Not a bacteria product.
7. Not an emulsifier.
8. Aids in oil-water separation.
9. Breaks Ionic bond of grease.
10. Has ionic bond and can effectively be used on collection lines.
11. Proven to bioremediate petroleum build-up in lift stations
12. NSF Registered
13. pH (5.8 – 6.2)

### Application

Designed for reducing and treating grease and oil accumulations and build-up in lift stations, force mains, gravity lines, grease traps and treatment facilities; anaerobic and aerobic.