MicroClear® M-100 is a proprietary formulation of micronutrients designed to enhance the performance of biological systems. It enhances biological growth, shortens lag time, increases biological activity and provides the critical building blocks necessary to maintaining a healthy floc-forming population. The formulation consists of micronutrients, trace minerals, amino acids and vitamins. There are sixteen trace minerals, including calcium, iron, magnesium, manganese and zinc. The formulation also includes twenty amino acids, such as glycine, and thirteen vitamins, including folic acid.

**Product Uses:** Regular application of MicroClear® M-100 can provide numerous benefits to operators of all types of biological waste treatment processes. Research has shown that inadequate micronutrients can lead to poor settling or high effluent suspended solids due to unhealthy floc. The addition of micronutrients also increases the biological degradation rate in many situations which will allow the biomass to more rapidly respond to sudden increases in loads or toxic shocks. Finally, laboratory studies indicate that application of micronutrients can lower final effluent BODs levels by maintaining a healthy population capable of more complete organic reduction in a shorter time.

**Product Advantages**
- Shortens Lag Time
- Enhances BOD/COD removal
- Reduces sludge buildup
- Cost effective/Easy to use
- Changes biomass dynamics
- No special equipment needed
- Increases system efficiency
- Increase characteristics in floc structure

**Packaging of Product**

**Applications of Use**
- RBC’S
- Primary CLARIFIERS
- DIGESTERS
- SLUDGE TANKS
- Secondary CLARIFIERS
- AERATED BASINS
- GREASE TRAPS
- AERATION TANKS
- LAGOONS
- TRICKLING FILTERS
- STATIC PONDS
MicroClear® M-100
Micro Stimulant
Product Bulletin

Typical Properties of Product
Appearance....................Dark Green
Fragrance............................mild-earthy
Form.................................powder
pH........................................6.5-7.5
Shelf-Life.........................2 years/u.o.c.
Flash Point........................none

Performance Properties
Effective pH range...............5.2 - 9.5
Effective Temperature Range.....35 - 130°F

Storage & Handling
Storage.................................Store in a cool, dry place. Do Not Freeze
Container.............................Keep lid closed on Plastic Pail. Do not store
                              water soluble pouches out of plastic container.

Handling.............................Wash hands thoroughly with warm, soapy water

Enzymatic Activity
All Natural Inorganic
Vitamins & Nutrients
To Enhance Biological Growth

16 Trace Minerals
Calcium 1.9%
Iron .08%
Magnesium .123%
Zinc .0035%
Phosphorus 0.1%
Trace Vitamins: A, B, D, E & K
Folic Acid 0.3mg
Ascorbic Acid 150,000 mg
Niacin 2,500 mg

Environmental Leverage has Lab Analysis Service Available

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