



# Trace Mineral Organic Catalyst

*Avir Natural Water* Trace Minerals are virgin additives that are designed to naturally fill in what is missing in a water body,

*Avir Natural Water* Trace Mineral Organic Catalyst contains over 80 micro nutrients, minerals, elements and includes a potent natural catalyst to accelerate and enhance overall performance. This invaluable blend comes from nature and is now available in one convenient product that will energize an otherwise average water body and bring it back to a younger, healthier state.

By incorporating *Avir Natural Water* Trace Mineral Organic Catalyst into your water treatment program, you can achieve visible results quickly.

- Safe water support product
- Improves water clarity
- Provides phosphorous reduction
- Stimulate biological activity
- Does not lower pH
- Replenishes basic trace minerals depleted by fish and aquatic plants

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## Trace Mineral Organic Catalyst Application Guidelines

### Application Rates

#### Trace Mineral

2 lb per acre foot (6 lb per 1.0 MG)

#### Water Clarity

For total suspended solids (TSS)<40ppm, dose 20 lb per acre foot (60 lb per 1 MG); for total suspended solids (TSS)<80ppm, dose 40 lb per acre foot (120 lb per 1 MG)

#### Alkaline Buffer

For each 0.6 ppm of desired increase, dose 3 lb per acre foot (9 lb per 1MG)

#### Ammonia Reduction

For each 0.1 pm of desired reduction, dose 4 lb per acre foot (12 lb per 1 MG)

#### Phosphorus Reduction

For each 0.3 ppm of desired reduction, Dose 3 lb per acre foot (9 lb per 1 MG)

#### Volatile Fatty Acid (VFA) Reduction

For each 2.0 ppm or reduction desired, dose 4 lb per acre foot (12 lb per 1 MG)

#### Sludge Reduction

150 lb per surface acre

#### Sludge Reduction Maintenance

50 lb per surface acre

### For Optimum Results

- Use as directed
- Apply when ambient temperature is 50°-90° F; dissolved oxygen level is over 1.0 ppm; pH is 6-8 alkalinity is less than 100 ppm
- Use with *Avir Natural Water* Enzymes and Bacteria for a full treatment program
- Proper aeration will enhance product performance

### Technical Specs

In Use pH Range:.....Neutral

Solubility in Water.....Mostly insoluble

Odor.....Characteristic

Appearance.....Off-white to tan free-flowing powder

### Packaging, Handling and Storage

Size	Dimensions (LxHxW)	Weight
40 lb pail	13" x 13" x 16"	40 lbs
Bag in Box	18" x 18" x 7"	44/50/55 lbs
Full Skid	48" x 48" x 24"	2000 lbs

Store this product out of direct sunlight in a cool dry area. For best results, use within 12 months. Request an *Avir Natural Water* TMOE MSDS for more specific information.

#### Disclaimer

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