MicroClear® MicroChill™ is a high potency, bacteria-laden, powdered formulation specifically designed for Cold Weather applications for use in degrading many types of waste. MicroClear® MicroChill™ contains a specially isolated blend of microorganisms, micro/macronutrients, and surface tension suppressants/penetrants. MicroClear® MicroChill™ contains a unique and newly patented proprietary blend of psychrophilic microorganisms that are naturally occurring bacteria with the ability to grow at 4°C, and lower. Because of the diversity of the microorganisms and enzyme systems, incorporated into this product, it is excellent for use in Municipal and Industrial Wastewater applications. The safe, naturally occurring bacteria are present in high numbers to handle difficult to treat wastewater problems in lower temperatures.

**Product Advantages**
- Increases system efficiency in Cold Weather
- Reduction in filamentous bulking
- Increase BOD and TSS removal efficiency
- Greatly reduces labor time
- Enable Permit Compliance easier
- Reduces hydrogen sulfide
- Degrades a wide range of complex organics
- Cost effective/Easy to use
- Reduces sludge build-up
- No special equipment needed
- Breaks down fat & grease build-up
- Increase Amine breakdown
- Eliminates malodors at their source
- Contains no chemicals
- Changes biomass dynamics
- Discharge compliance is maintained
- Reduction in polymer and dewatering costs

**Application**

- WASTEWATER PLANTS
- LIFT STATIONS
- COLLECTION SYSTEMS
- HOLDING TANKS
- WETWELLS
- WASTE SUMPS
- MEMBRANE REACTORS
- OXIDATION DITCHES
- RBC’S
- ACTIVATED SLUDGE
- FACULTATIVE LAGOONS
- REMEDIATION
- LAKES AND PONDS
- DIGESTERS

**Packaging of Product**

MicroClear® MicroChill™ comes in 1-lb. water soluble pouches.
Packaged in 25-lb. plastic pails.
Bulk packaging upon request.
MicroClear® MicroChill™
For Use in Cold Weather Temperatures
BOD Removal & TSS Reduction
Product Bulletin

Environmental Leverage has Lab Analysis Service Available

Typical Properties of Product
Appearance.............................light tan
Fragrance..............................mild-earthy
Form.....................................powder
pH........................................6.8-8.5
Shelf-Life..............................2 years/u.o.c.
Flash Point............................none

Performance Properties
Effective pH range......................5.2 - 9.5
Effective Temperature ..............35 - 130°F
Bacterial Enzyme Production –
Protease, Lipase, Amylase, Urease,
Cellulase

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

Bacterial Count
MicroClear® MicroChill™..................>1x10⁹ (Billion per gram)

Environmental Leverage® Inc.
1454 Louis Bork Drive
Batavia, IL 60510
admin@environmentalLeverage.com
630-906-9791 fax 630-906-9792
www.EnvironmentalLeverage.com