

CITADEL ENVIRONMENTAL SOLUTIONS


Citadel
BIOCAT⁺2

BioCat+™ in the wine Industry

For waste effluent treatment.

Citadel BioCat+™ is a high potency microbial formulation.

For use in degrading many types of waste. Citadel BioCat+™ contains a proprietary blend of micro-organisms, micro/macro nutrients, and is specifically designed for food processing effluent.

Beverage and Winery processing wastewater applications.

This potent combination of active Aerobic and Anaerobic microbial cultures are specifically produced to enhance degradation of the waste products. The strong enzyme activity enhances and increases organic sugar reduction by converting them to basic elements of nature.

ADVANTAGES

- Greatly reduces labour time
- Reduces hydrogen sulfide
- Cost effective/Easy to use
- No special equipment needed
- Contains no chemicals
- Degrades a wide range of complex organic compounds.
- Enhances BOD/COD removal
- Reduces sludge buildup
- Changes biomass dynamics
- Increases system efficiency
- Eliminates mal-odors at their source.

OTHER APPLICATIONS

- Settlement lagoons.
- Anearobic digesters.
- Sludge lagoons.
- Trickling filters.
- Rotating biological contactors

DEGRADES

Sugars.	Starches.	Proteins.
Mal-odors.	Triglycerides.	Chemicals Foaming. Surfactants/Soaps.

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WINERY AND BEVERAGE WASTE WATER TREATMENT

Technical Data

Custom Code # 3821.00.00
Prepared culture media

Typical properties

Appearance: khaki fine fibrous
Fragrance: mild-earthly
Form: powder type consistency
pH: 6.8
Shelf-Life: 2 years

Performance properties

Effective pH range: 1-13
Effective Temperature Range: 0- 45 degrees centigrade
Culture medium: Crenarchaeota consortiums, micronutrients

Storage and handling

Storage: Store in a cool, dry place
Handling: Wash hands thoroughly with warm, soapy water after handling and use a standard dust mask.

