

CHEMTECH's CHM-BEC 201-C

For Industrial/Municipal Use

PRODUCT BULLETIN

CHM-BEC 201-C is a high potency, bacteria-laden, powdered formulation for use in degrading many types of waste. This formulation specifically targets the degradation of phenolic's and related material to achieve rapid degradation of these types of compounds. **CHM-BEC 201-C** contains a specially formulated blend of microorganisms, micro/macronutrients to enhance the degradation processes. Because of the diversity of the microorganisms and enzyme systems incorporated into this product, it is excellent for use in ***Industrial/ Municipal Wastewater applications***. The safe, naturally occurring bacteria are present in high numbers to handle difficult wastewater problems.

ADVANTAGES

Greatly reduces labor time	Enhances BOD/COD removal
Reduces hydrogen sulfide	Degrades a wide range of complex organics
Cost effective/Easy to use	Reduces Sludge Build-Up
No special equipment needed	Increases system efficiency
Breaks down fat & grease buildup	Eliminates malodors at their source
Contains no chemicals	Changes biomass dynamics

APPLICATIONS

WASTE WATER PLANTS	LIFT STATIONS	HOLDING TANKS
LAGOONS	WASTE SUMPS	REACTORS & CONTRACTORS
OXIDATION DITCHES	RBC'S	ACTIVATED SLUDGE

DEGRADES

Fats, Oil & Grease	Starches	Proteins
Animal Fats	Triglycerides	Soaps
Foaming	Surfactants	Sludge Volume
BTEX	Phenols	Ammonia

PACKAGING

- **CHM-BEC 201-C** is packaged in 25-30-50-100 & 400 pound drums and is also available in various sizes of Bio-Pouches

CHM-BEC 201-C TECHNICAL DATA

TYPICAL PROPERTIES

Appearance..... light tan
Fragrance.....mild-earthly
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 Range.....35-130 degrees F
Bacterial Enzyme Production.....Protease, Lipase, Amylase, Urease, Cellulase

STORAGE AND HANDLING

Storage.....Store in a cool, dry place
Handling.....Wash hands thoroughly with warm, soapy water after handling

BACTERIAL COUNT

CHM-BEC 201.....6 Billion cfu per gram