



順藝機械工程有限公司
SOON NGAI ENGINEERING SDN BHD

NO 21, 23, 25 & 27, JALAN PBS 14/8, TAMAN PERINDUSTRIAN BUKIT SERDANG,
43300 SERI KEMBANGAN, SELANGOR, WEST MALAYSIA

TEL : 603-8945 1067 FAX : 603-8945 1064 / 8941 6270

E-MAIL : enquiry@soonngai.com WEBSITE : www.soonngai.com

CHM-BEC 203

FOR TEXTILE USE

PRODUCT BULLETIN

GENERAL DESCRIPTION

CHM-BEC 203 is a high potency, bacteria-laden, powdered formulation for use in degrading many types of waste. **CHM-BEC 203** contains a specially formulated blend of microorganisms, micro and macronutrients, fungi, and surface tension suppressants and penetrants, developed for use in bio-augmentation. Because of the diversity of the microorganisms and proprietary enzyme systems, incorporated into this product, it is excellent for *textile wastewater applications*. The safe, naturally occurring bacteria are present in high numbers to handle difficult organic textile wastewater problems.

ADVANTAGES:-

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

APPLICATIONS:-

LIFT STATIONS
RBC'S
SEWER MAINS
AERATION SBR'S

WET WELLS
CLARIFIERS
LATERALS
LAGOONS

SUMP PITS
DIGESTERS
IMHOFF TANKS
TRICKLING FILTERS

OXIDATION TANKS
SLUDGE TANKS
DRAIN LINES

DEGRADES:-

Fats, Oils & Grease
Malodors
Foaming

Starches
Animal Fats
Surfactants/Soaps

Proteins
Triglycerides
Chemicals

PACKAGING:-

CHM-BEC 203 is packaged in 10kg/drum and is also available in any size "Bio-Pouches.

CHM-BEC 203 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-203.....5 Billion cfu per gram