



Solutions beyond your expectations

HIGH IMPACT GREASE DIGESTER

PRODUCT DESCRIPTION:

CHEMETCH'S 207 High Impact Grease Digester is a high potency, bacteria-laden, powdered formulation for use in degrading many types of waste. 207 contains a specially formulated blend of microorganisms, micro/micronutrients, and surface tension suppressants/penetrants.

CHM 207 contains a blend of select microorganisms with a specification of 5.2×10^9 (billion) microorganisms per gm. Because of the diversity of the microorganism systems incorporated into this product it is excellent for food processing uses for which there requires a particular high impact on fats, oils, and grease. The safe, naturally occurring bacteria are present in high numbers to handle difficult organic problems and are very economical to use.

*Bacillus Amyloliqueofaciens

*Bacillus Lichenformis

*Bascillus Subtilis

*Bascillus Brevis

ADVANTAGES

<ul style="list-style-type: none">● Greatly reduces labor time● Reduces hydrogen Sulfide● Cost effective/Easy to use● No special equipment needed● Breaks down fat & grease buildup● Changes biomass dynamics● Degrades a wide range of complex organics	<ul style="list-style-type: none">● Enhances BOD/COD removal● Reduces sludge buildup● Discharge compliance is maintained● Increases system efficiency● Eliminates malodors at their source <p>Contains no toxic chemicals</p>
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APPLICATIONS

<ul style="list-style-type: none">● WASTE WATER PLANTS● FOOD PROCESSING PLANTS● LIFT STATIONS● CLARIFIERS● DIGESTERS	<ul style="list-style-type: none">● LAGOONS● COLLECTION SYSTEMS● ACTIVATED SLUDGE● WASTE SUMPS● OXIDATION DITCHES	<ul style="list-style-type: none">● HOLDING TANKS● SEWER MAINS● IMHOFF TANKS● SLUDGE TANKS
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DEGRADES

<ul style="list-style-type: none">● Fats, Oil & Grease● Odors From Grease Build-Up● Foaming	<ul style="list-style-type: none">● Starches● Animal Fats● Surfactants	<ul style="list-style-type: none">● Proteins● Triglycerides● Soaps
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ENZYMATIC ACTIVITY

Protease (Casein Digesting).....	Units/Gram: 35,000 Min.	Amylase (Modified Wohlgemuth).....	Units/Gram: 55,000-80,000
(USP).....	Units/Gram: 400	Cellulose (CAU).....	Units/Gram: 150 Min.

PACKAGING

CHM 207 is packaged in 30-lb& 100-lb drums and is also available in (60 X ½-lb or 227-gram) “Bio-Pouches”

207 TECHNICAL DATA

TYPICAL PROPERTIES

Appearance..... light tan
Fragrance.....mild-earthly
Form.....free flowing powder
pH.....6.8 - 8.5 Shelf
Life.....2 years from the date of manufacture.
Flash Point.....none

PERFORMANCE PROPERTIES

Effective pH range.....5.2 - 9.5

Effective Temperature Range.....35 -130 degrees F (2 – 55 deg. C)
Bacterial Enzyme Production.....Protease, Lipase, Amylase, Urease, Cellulose

STORAGE AND HANDLING

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

BACTERIAL COUNT

CHM-207.....5.2 Billion (5.2 x 10⁹) per gram

www.chemtech-us.com

Westtown Business Center 1568 McDaniel Drive West Chester, PA 19380 USA
P: 610-566-7177 F: 484-266-7137

sales@chemtech-usa.com Follow us on LinkedIn: Chemtech International Inc