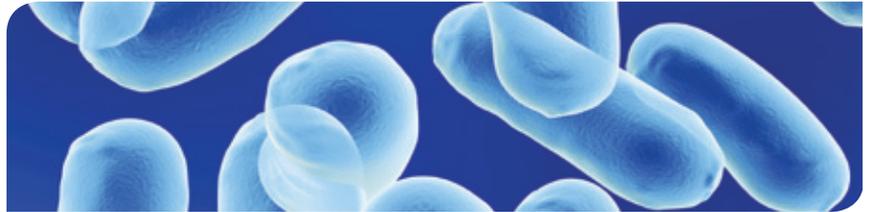


# BACTERIAL/ENZYME DIGESTANTS



## THE ATHEA® ADVANTAGE

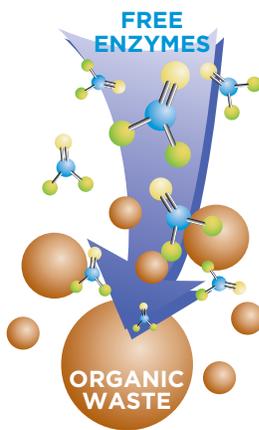
Bacterial digestants have long been used for safe, effective bioremediation. From the very beginning, **ATHEA®** was at the forefront of this technology. Our early research and testing resulted in the development of powerful, resilient bacterial strains that actively digest heavy organic waste. Today, **ATHEA®**'s bacteria products lead the market because of three critical factors: bacteria are packaged in spore form for longer shelf life; products are task-specific for better performance; and our bacteria doubles in count every twenty minutes. **ATHEA®**'s bacteria digestants are available in liquid and powder form for cleaning, odor control, drain maintenance, or whatever your needs may be.

## THE MECHANICS OF ORGANIC DIGESTION

The purpose of adding a bacterial digestant to organic waste is to hasten the process of decomposition without producing foul odors. **ATHEA®** has developed several advanced products, each consisting of three basic elements needed to quickly and effectively break down waste. These elements are nutrients, free enzymes and bacterial cultures. Here's how it works:



**NUTRIENTS:**  
Promote bacteria growth and increase digestion activity



**FREE ENZYMES:**  
Break down complex waste molecules making digestion easier for bacteria



**BACTERIAL CULTURES:**  
Select bacteria digest and eliminate organic waste by converting it into its basic components carbon dioxide, and water

## ENSURING SUCCESS

Reinforcing our dedication to quality, all of **ATHEA®**'s digestant products exceed industry standards. Our digestants contain higher bacteria counts to give you more economical digestive action. In addition, we only offer freeze-dried spore-form bacteria to ensure greater stability, longer shelf life, and the most effective results.

Of the millions of different bacteria that exist, we've carefully selected the Bacillus strain for its outstanding qualities and excellent performance. As a non-pathogenic bacteria, it poses no threat of disease to humans or animals. Bacillus are also very hardy and can consume waste in both aerobic and anaerobic conditions. In addition, they quickly reproduce and consume a wide variety of organic waste without producing foul odors.

## PRIVATE LABEL

With the ever-growing trend toward private label brands in both the consumer and commercial markets, **ATHEA®** is well-positioned to deliver on our customers' needs. Today, over 90% of products **ATHEA®** ships are private labeled. A complete turn-key approach of chemical formulation and production, wipe converting and manufacturing, low minimums, the highest-quality artwork, nearly unlimited packaging options, fast turnaround, and strict confidentiality make **ATHEA®** the market leader in this category. Products not private labeled ship under the Total Solutions® brand.

## LIQUID BACTERIAL DIGESTANTS

### #526 BIO TREAD™

#### NEUTRAL CLEANER FOR HARD SURFACES

- Designed especially for use on porous hard surfaces in kitchen and restroom areas
- Bacteria break down and digest oily grime
- Environmentally safe formulation

### #527 BIO-BLAST™ HCB

#### CONSUMES ODORS IN FUEL CONTAMINATED WATER

- Specifically formulated to consume hydrocarbons
- Reduces sludge and solids buildup in reclamation pits
- Reduces odors by digesting malodorous compounds inside pit

### #528 BIO-ACTION®

#### THICK DRAIN OPENER AND MAINTAINER



- Specifically formulated to work in drains
- Opens drains clogged by organic material
- Regular use keeps drains free-flowing
- Contains enzymes to enhance bacterial growth
- Thickened formula pours through standing water to the site of the blockage
- Safe to use in all drains
- NSF Certified: L2

### #530 ROYAL FLUSH™

#### PORTABLE TOILET TREATMENT WITH BLUE DYE

- Specifically formulated for use in portable toilets
- Controls waste and odors without the use of chemicals
- Keeps portable toilets and holding tanks odor-free during periods of heavy use
- Contains enzymes to enhance bacterial action

### #534 LIQUIDASE™ 250

#### ALL-PURPOSE LIQUID DIGESTANT

- Controls waste and odors without the use of chemicals
- Effective against odors, grease and oils, soap residue, paper, and other organic matter
- Use in sinks, floor drains, urinals and toilets, grease traps, septic tanks, wet wells, lift stations, and sewer laterals
- Contains enzymes to enhance bacterial action

### #535 LIVE MICRO™ 535

#### BACTERIAL FORMULA DESTROYS AND CONTROLS ODORS

- Controls waste and odors without the use of chemicals
- Bacteria eliminates the source of malodors by breaking down and digesting organic waste
- Effective odor control on hard surfaces and carpeting

### #536 ULTRA LIVE MICRO™ CONCENTRATE

#### 10X CONCENTRATED LIVE MICRO 535

- Five gallons of Concentrate to 50 gallons of water creates 55 gallons of #535 LIVE MICRO 535
- Bacteria eliminate the source of malodors by breaking down and digesting organic waste
- Effective odor control on hard and soft surfaces

### #542 BIO-MAX OC™

#### SURFACE CLEANER WITH ODOR COUNTERACTANT

- Bacteria eliminate the source of malodors by breaking down and digesting organic waste
- Live bacteria and enzymes continue to work at eating away organic waste and keeping plumbing clear of buildup
- Mint fragrance leaves the area smelling fresh and clean

### #543 BIO-FLOW™

#### BACTERIAL GREASE TRAP MAINTAINER

- Specifically formulated to work in grease traps
- Extends the time between grease trap pump-outs
- Bacteria eliminate the source of malodors by breaking down and digesting organic waste - leaves a fresh, pleasant fragrance
- Special enzymes rapidly break down starch and complex carbohydrates
- Special composition of bacterial spores can resist chlorine, disinfectants and high water temperatures

### #546 BIO-FLOW™ ULTRA

#### 10X CONCENTRATED BIO-FLOW

- Economical ultra-concentrated formula
- Extends the time between grease trap pump-outs
- Bacteria eliminate the source of malodors by breaking down and digesting organic waste
- Special formula rapidly breaks down starch and complex carbohydrates
- Special composition of bacterial spores can resist chlorine, disinfectants and high water temperatures

## POWDER BACTERIAL DIGESTANTS

### #502 BIO-PAKS™

#### WATER-SOLUBLE BIOREMEDIATION PACKETS

- Contains #502 DIGESTASE APD 900 all-purpose digestant
- Attacks, liquefies, and removes grease, fat and oil faster
- Available in 0.25 and 1 pound packets

### #502 DIGESTASE™ APD 900

#### ALL-PURPOSE DIGESTANT



- Attacks, liquefies, and removes grease, fat and oil faster
- Provides continuous cleaning action in septic systems, sewer lines and other waste-disposal systems
- NSF Certified: C1

### #510 DIGESTASE™ SDE 340

#### SEWAGE DIGESTANT

- Specifically formulated for use in sewers
- Attacks, liquefies and removes grease, fat and oil faster
- Increases system capacity and efficiency

### #511 DIGESTASE™ GTD 655

#### GREASE TRAP DIGESTANT

- Specifically formulated for use in grease traps
- Attacks, liquefies, and removes grease, fat and oil faster
- Rids drains, pipes, and plumbing of clogs
- Decreases BOD load

### #515 DIGESTASE™ KFP 585

#### KITCHEN AND FOOD PROCESSING DIGESTANT

- Specifically formulated for use in kitchens and processors
- Attacks, liquefies, and removes grease, fat and oil faster
- Decreases BOD load
- All-natural

### #516 DIGESTASE™ FDE 750

#### FARM AND LAGOON DIGESTANT

- Specifically formulated for use in farm environments
- Reduces solids and gases
- Increases pit capacity
- Makes pumping pits easier and faster

### #520 COMPOST DIGESTANT

#### BLEND OF BACTERIAL AND FUNGAL CULTURES

- Specifically formulated for use in compost
- Blend of bacterial and fungal cultures specially formulated to break down yard waste
- Transforms yard waste into useful humus within 6-12 weeks during summer weather
- Eliminates noxious odors

### #522 BIO-FLOW™ BLOCK

#### SLOW-DISSOLVING BACTERIAL BLOCK

- Allows for 24 hour continuous treatment of water, not just periodic dosage
- Greatly reduces labor time needed for dosage maintenance
- Eliminates need for metering pump - no initial or maintenance cost
- Eliminates need for personnel to dose other types of treatments daily or weekly
- Improves operational efficiency

# BACTERIAL/ENZYME DIGESTANTS USAGE CHART

	#526	BIO TREAD™	#527	BIO-BLAST™ HCB	#528	BIO-ACTION®	#530	ROYAL FLUSH™	#534	LIQUIDASE™ 250	#535	LIVE MICRO™ 535	#536	ULTRA LIVE MICRO™ CONCENTRATE	#542	BIO-MAX OC™	#543	BIO-FLOW™	#546	BIO-FLOW™ ULTRA	#502	DIGESTASE™ APD 900	#510	DIGESTASE™ SDE 340	#511	DIGESTASE™ GTD 655	#515	DIGESTASE™ KFP 585	#516	DIGESTASE™ FDE 750	#520	COMPOST DIGESTANT	#522	BIO-FLOW™ BLOCK	#502	BIO-PAKS™			
Odor Control							●		●		●		●		●		●		●				●										●						
Carpets and Upholstery											●		●																										
Floors and Surfaces	●										●		●		●																								
Drain Opener																						●						●											
Drain Maintenance						●																●						●											
Septic System					●		●		●		●		●				●		●			●														●			
Grease Trap Maintenance									●													●				●		●								●			
Wastewater Treatment									●		●		●				●		●				●					●						●		●			
Lift Stations									●													●		●									●		●				
Lagoons									●														●				●		●										
Feed Lots																													●										
Portable and Pit Toilets							●															●														●			
Petroleum Contamination		●																																					
Yard Waste																										●		●											
	LIQUID										POWDER																												

