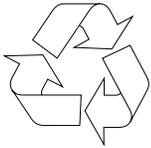


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# Welcome To Ultrateck Laboratories Inc.

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**With Natural Biological Solutions To Agricultural Pollution**



**Presenting Our 2000 Series of Environmental Products**

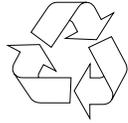


Contents: Biological bioremediation odor control of agricultural wastes animal manures

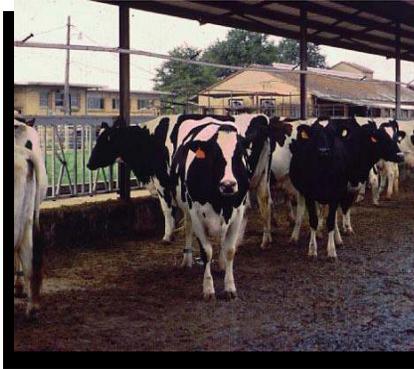
Products For: Biological bioremediation composting recycling waste and odor control of agriculture animal wastes and manures such as: beef and dairy cows manure, hogs pigs poultry swine manure treatment and odour control, poultry manures, agriculture soil remediation and detoxification.

Applications: Animal housing floors and gutters, waste water and liquid manure holding systems, cesspools, grease traps, lagoons, pipe lines, ponds, septic tanks and wet wells.





# ProtoZyme-5



**Easy to use liquid concentrate:** Simply mix with up to 10 parts water or apply as is. Apply to gutters floors or compost for rapid odor control and waste recycling. May also be used as a general purpose cleaner deodorizer

- \* **Controls Odors - Ammonia and H<sub>2</sub>S Gases.**
- \* **Cleans and Deodorizes Biologically**
- \* **Stimulates Decomposition of Organic wastes.**
- \* **Prevents Solidification Compaction holding tanks**
- \* **Non Hazardous, Non Pathogenic, Non Mutating**



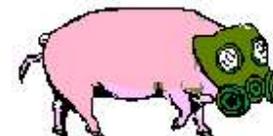
## Optimum Conditions For Use

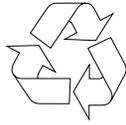
Bacteria and Enzymes in Ultra ProtoZyme-5 perform within a ph range of 4.0 to 10.0 with the optimum ph near 7.0 temperature affects the activity of the working solution and action increases with rising temperatures up to 45c. diminished activity can be expected below 5c.



## Storage and Handling

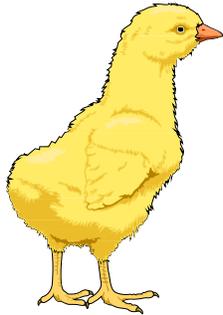
Storage.....Store in cool, dry place  
Handling.....Avoid eye and prolonged skin contact





# ProtoZyme-5

## Product Specifications



Status: The Organisms in our Ultra ProtoZyme-5 biological liquid concentrate comply to: The Canadian Environmental Ministry DSL list, and Class 1, non pathogenic, non mutating spore form / spore forming organisms of the bacillus family, In Asia, Australia, Europe, USA and most other countries.

Class: Non Hazardous, may be used in animal housing, around animals and humans.

Stability.....12-24 months

### Physical

Appearance.....Milky turbid liquid  
Odor.....Pleasantly perfumed  
Specific Gravity.....1  
Activity.....Immediate  
Effective ph range.....4.0-10.0  
Effective temperature range.....5 to 50c  
Standard packaging.....10/20/210 liter/drums

Status: The Organisms in our Detox-O-Zyme biological dry concentrate comply to: The Canadian Environmental Ministry -DSL list. In Asia, Australia, Europe, USA and most other countries complies to Class 1, non pathogenic, non mutating spore form / spore forming organisms





# Bio-MD Manure Degradere



A: Ultra Bio-MD may be used in conjunction with Enviroplex Extract, to provide positive odor control with the rapid breakdown of most agricultural animal wastes and wastewater effluents.

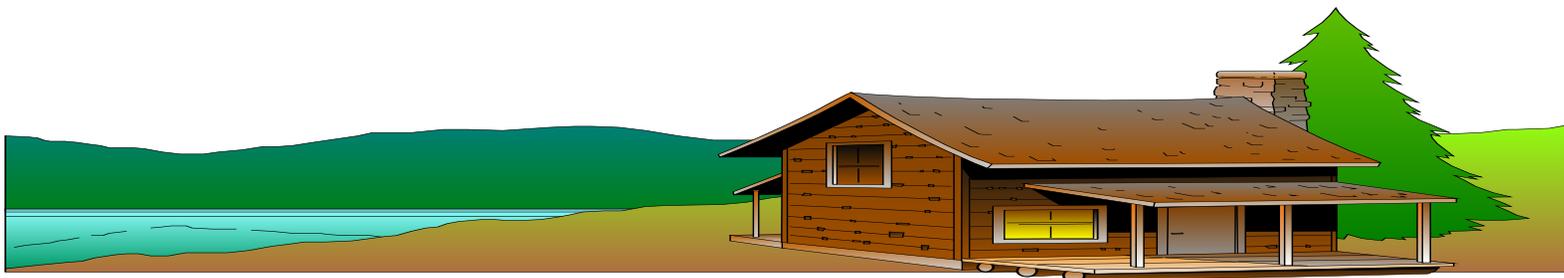
B: Ultra Bio-MD contains non pathogenic live bacterial strains and enzymes which are selectively adapted to digest complex and non-biodegradable compounds such as detergents, fats, fibers, oils, grease, phenols, proteins etc.

C: Ultra Bio-MD program provides you with a safe natural and economical method of treating wastes and controlling odors, ammonia and H<sub>2</sub>S gases.

D: Ultra Bio-MD has the ability to digest complex compounds that are toxic to most existing bacteria.

E: Ultra Bio-MD cultures grow in either the presence or absence of oxygen and are stable for up to 2 years.

F: Ultra Bio-MD cultures are non pathogenic, non corrosive, safe to handle and store, and are certified salmonella free.



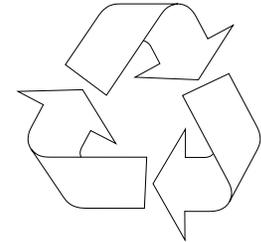
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# Bio-MD Manure Degradar

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## Enzyme activity:

Amylolytic activity:	600 b.a.u./gram
Betaglucanase activity:	40 betaglucanase units/gram
Hemicellulase activity:	500 hemicellulase units/gram
Protease activity:	90 proteolytic casein units/gram



Protein digesting bacteria, starch digesting bacteria/enzymes, cellulose digesting bacteria/enzymes, detergent digesting bacteria, fat and oil (animal/vegetable) digesting bacteria/enzymes.

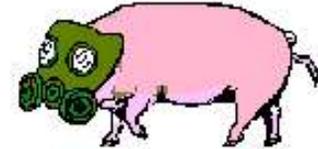
Appearance: Tan colored free flowing powder

Odor: Cereal like earthy

Effective pH range 5.0 to 9.0

Bacterial Count: 1.5 billion per/gram min.

Effective use rate:



2 to 10 kg per 100 tons of dairy, swine, poultry or other livestock manures (May be mixed with carriers such as limestone).

Status: The Organisms in our Bio-MD biological powder concentrate comply to: The Canadian Environmental Ministry DSL list, and Class 1, non pathogenic, non mutating organisms for Asia, Australia, Europe, USA and most other countries.





# Detox-O-Zyme

## Detoxifies Revives Reactivates Contaminated Soils

### The Natural Biological Soil Remediation Agent



Detox-O-Zyme: Helps to detoxify soils contaminated with complex synthetic chemicals, such as cumulative herbicide and pesticide residuals.

The primary reason for the toxic cumulative contamination effects is due in large part to the chemical destruction of the natural biological recycling systems in the soil.



Detox-O-Zyme: Helps to revive and reactivate the indigenous biological recycling populations in the soil which eventually break down these chemical toxins to simple carbon dioxide and water.

Detox-O-Zyme increases the availability of non organic nutrients such as phosphates and trace elements which are made available for turf and root growth by metabolic processes.



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# Detox-O-Zyme Specifications

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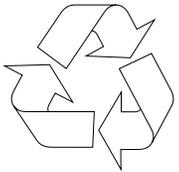


## SUGGESTED USE METHODS

A- Mix 1/2 to 3/4 kg or 1 to 2 pounds of Detox-O-Zyme with your normal per acre amount of dry granular or liquid fertilizer or lime and apply in the regular manner.

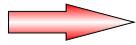


B- Detox-O-Zyme may be used at a rate of 1 to 2 applications per season. Soil contaminants analysis test should be taken prior to application and 30 to 60 days after application. The application of Detox-O-Zyme should be followed by watering in order to activate and establish the beneficial indigenous micro organisms. Results are normally observed within 5 to 10 days from application.

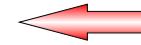


Status: The Organisms in our Detox-O-Zyme biological dry concentrate comply to: The Canadian Environmental Ministry - DSL list. In Asia, Australia, Europe, USA and most other countries complies to Class 1, non pathogenic, non mutating spore form / spore forming organisms





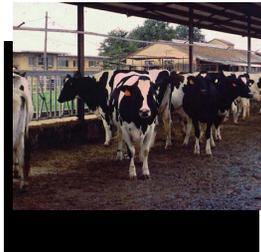
# Enviroplex Odor Controller



## The Natural Organic Solution to Odor Pollution

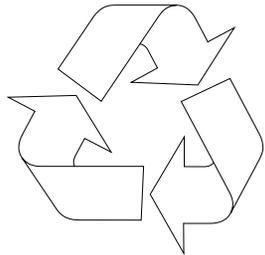


**Easy to use organic liquid concentrate:** Simply mix with up to 10 parts water or apply as is. Apply to gutters floors or animal wastes for rapid odor control and to accelerate manure and organic waste composting. May also be used as a general purpose cleaner deodorizer.



Application of Enviroplex to animal manure wastes or wastewater promotes normal reproduction of the microorganisms, as evidenced by dramatic population increases in treated wastes, and more complete digestion of the unwanted organic wastes.

This results in significantly reducing ammonia and H<sub>2</sub>S gases and other toxic chemical reactions, which in turn results in effectively controlling manure and waste odors.



Enviroplex is effective regardless of temperature or pH conditions of the liquid or solid waste to which it may be applied. It works in both fresh and salt water and in highly acidic or alkali environments. Enviroplex significantly improves the performance of most biological products and ecosystems under the most adverse conditions. It should always be considered as a part of any bioaugmentation or remediation program.



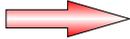
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# Thank You For Reviewing Our Products

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This is only a partial list of our products. Please contact us for more information

**International Export Division: 24 Seguin, Rigaud, QC Canada J0P 1P0  
Tel. 450-451-6277 Fax: 450-451-6167**



**With Natural Biological Solutions To Agricultural Pollution**



**[Internet Site: www.ultrateck.net](http://www.ultrateck.net)**

