



BY ROEBIC LABORATORIES



# PATENTED BACTERIAL SOLUTIONS

PROFESSIONAL PRODUCT CATALOG



# **WHY CHOOSE ROETECH PRODUCTS?**

## Technology

Roebic Laboratories, Inc. has been developing, manufacturing and selling waste water treatment products since 1959. Throughout the years, we have excelled at formulating these products with combinations of ingredients and bacteria strains that are the result of detailed technical analysis and study. The selection of bacterial strains in our products is based on careful consideration of the job at hand, the environment in which they are to be used, and on our vast knowledge of each strain's genetic and enzymatic capabilities. Our patented **ROETECH *Bacillus*** are the newest and best on the market and result from extensive research and development as well as years of vital experience. RoeTech bacteria are the backbone of our technology and act as the base for our biological formulations where they perform critical product functions.

## Quality

The manufacturing process used to make **ROEBIC** products is continuously refined and modified with the goal of consistently achieving high levels of quality, year after year.

Rigid Quality Control procedures are also in place and quality inspections occur at many points in the production process.

Improvements in bacterial cell yields have resulted in greater efficiencies and stronger products that are more capable of handling the increasing demands placed on them by our customers.

## Effectiveness

The combination of our superior technology, production processes and decades of experience has resulted in the most effective products in the marketplace. We are frequently in touch with our customers, and offer technical assistance for applying our products to difficult and challenging situations. This communication continually enhances our product development and serves our customers with the most effective applications in the marketplace.

Product performance "*in the field*" is critical for an effective product, and **ROETECH** products consistently deliver desired results and generally exceed most user expectations.

## Value

Most importantly, our products deliver outstanding value to our customers. Superior patented technology, highest quality, and proven effectiveness all combine to provide the right product at the best cost to the end user.





## Our Goal

Roebic Laboratories, Inc. was founded in 1959 in New Haven, Connecticut with the goal to provide the customer with environmentally friendly products that improve plumbing and sewage disposal system performance without the use of dangerous or toxic chemicals. Renowned for its high quality and effective bacterial based products; **Roebic Laboratories, Inc.** is in the unique position of being the only primary producer of bacterial cultures that also manufactures, formulates and offers their own brand of products for the professional, home and waste water treatment markets.

## Our Commitment

As the product line has grown, so has the use of our products by restaurants, hotels and commercial businesses. We have modified some of these formulations and added new formulations specifically designed for the restaurant & hospitality industry, to create a comprehensive array of products to solve the plumbing and wastewater treatment problems frequently encountered by food service operators. Included in our offering are 3 distinct products for the treatment of grease traps, historically a significant and recurring issue for all restaurants.







# PATENTED ROETECH TECHNOLOGY

Roebic Technology, Inc., a subsidiary of Roebic Laboratories, Inc., develops and markets proprietary bacterial cultures for the wastewater treatment industry. The United States Patent & Trademark Office has granted ROEBIC patents on eight *Bacillus* bacterial strains. These bacteria encompass the ROETECH Technology and act as the framework for formulations that are used in our powerful “Professional” and “Waste Water” product lines.

OUR BACTERIA	PATENT #'s
<i>Bacillus macerans</i>	6, 174, 718
<i>Bacillus amyloliquefaciens</i>	6, 171, 848
<i>Bacillus amyloliquefaciens</i>	6, 174, 847
<i>Bacillus macerans</i>	6, 177, 012
<i>Bacillus pumilus</i>	6, 083, 737
<i>Bacillus subtilis</i>	6, 162, 635
<i>Bacillus subtilis</i>	6, 162, 634
<i>Bacillus subtilis</i>	6, 140, 106

We at ROEBIC are proud of this achievement and are pleased to offer superior biological products to our customers. ROETECH cultures are only available from ROEBIC. This achievement sets us apart from all others in the wastewater treatment industry.

# Our Professional Products

ROETECH *Professional* products have been formulated specifically to perform under adverse conditions. Our line of products help to solve the difficult problems often encountered in food service or commercial waste water systems. Food particles, FOG, proteins, starch, and other BOD related materials are effectively degraded by the ROETECH bacteria; and the individual product formulations target specific problem areas throughout the entire waste water system all without the use of harsh or dangerous chemicals.

## GT GREASE TRAP TREATMENTS

Powerful FOG degrading products specifically formulated to solve commonly encountered grease related problems.

## DT DRAIN, MAIN LINE & TRAP TREATMENTS

Superior drain line maintenance products formulated to solve build-up problems resulting from food particulates and other organic solids.

## SS SEPTIC SYSTEM TREATMENTS

Powerful cleaners and treatments specifically formulated to help septic systems which receive food service and other commercial waste waters.



## GREASE DIGESTION LABORATORY STUDY

ROEBIC GREASE TRAP TREATMENT is a bacterial product designed to degrade fats, oils, and grease (FOG) in food service and processing wastewater systems.

Our liquid formulation contains stable *Bacillus* spores, including six of our patented\* ROETECH strains, as well as a biodegradable surfactant and odor neutralizing fragrance.

Used regularly, it will reduce and control FOG levels and odors, thereby avoiding costly clogs, backups and overflows.

*Results of a controlled laboratory study show how efficient GREASE TRAP TREATMENT really is. FOG was reduced from 8220 parts per million to 130 parts per million over a 27 day period: a 98% reduction.*

*Results are the average of triplicate samples and were determined by the standard hexane extraction method by a certified laboratory. This impressive grease degrading ability of GREASE TRAP TREATMENT translates to the field results as seen to the right.*

### DEGRADATION OF GREASE BY GT-1



Untreated System



Treated with ROEBIC GREASE TRAP TREATMENT



Photos show outdoor 1,000+ gallon steakhouse grease trap

## **GT Grease Trap Treatment**

Your FOG (fats, oils and grease) control and elimination program is incomplete without the advanced biological technology found in ROETECH Grease Trap Treatment. GTT has been designed to work in any system where large amounts FOG are generated and released; which makes GTT ideal for use in the Institutional food service and Hospitality industries. Regular use of GTT will significantly reduce noxious odors and also reduce excessive costs associated with high grease loads.

For best results, apply GTT at night when water flow is reduced to a minimum. Apply directly to sink drains, floor drains, grease interceptors, or grease traps.

- Reduces grease trap pumping
- Degrades and eliminates FOG
- Ends backups and overflows
- Contains FOG and odor control ROETECH technology
- Reduces sewer use surcharges
- Effective, safe and economical

AVAILABLE IN  
1/2 GALLON &  
2 1/2 GALLON



## **GT GT-Max Concentrate**

Systems which are undersized; because of high flow rates, high FOG content, or outdated code requirements, will benefit greatly from regular use of ROETECH GT MAX. GT Max has been formulated especially for systems with a history of excessive FOG related problems. This powerful concentrate employs the effective FOG and odor control technology found in our regular GTT product, but at levels which allow for its use in even the most difficult of systems. Regular use of GT MAX will significantly reduce noxious odors and also reduce costs associated with excessive grease loads.

For best results, apply GT MAX at night when water flow is reduced to a minimum. Apply directly to sink drains, floor drains, grease interceptors, or grease traps. Great for use as a system rejuvenator!

- Degrades and eliminates FOG
- Ends backups and overflows
- Contains FOG and odor control ROETECH technology
- Perfect for undersized systems
- Effective, safe and economical
- Not an emulsifier



AVAILABLE IN 5 GALLON

## **GT Trap Sak FOG Treatment Block**

ROETECH Trap Sak is a highly concentrated water dissolvable matrix infused with the patented ROETECH FOG and odor control technology. This material is designed to slowly and constantly deliver powerful bacterial cultures to your high flow waste water systems where once-daily applications of other products are not enough to maintain proper biological activity.

TS is a safe, non-corrosive, non-enzymatic technology which can effectively degrade food residues, FOG, and other BOD laden materials and controls odors from hydrogen sulfide and other organic fatty acids. ROETECH TS can be hung in grease traps, drain lines, clean outs, pump pits, lift stations, or in almost any part of a waste water collection system.

- Highly concentrated
- Long lasting, slow release technology
- Powered by patented ROETECH bacterial cultures
- Economical & easy to use
- Non-Caustic and safe for all plumbing
- Controls odors



AVAILABLE IN SMALL, MEDIUM & LARGE SIZES 7

## **SS** Septic System Cleaner

Septic systems receiving waste waters from food preparation areas tend to have high influent levels of FOG, BOD, and sanitizing agents. ROETECH Septic System Cleaner is specially formulated to handle "high load" wastes and works throughout the system degrading FOG, proteins, starches and paper in addition to many types of cleaners and sanitizing agents used in the food service industry.

Regular use of SSC can help to prevent the clogging of inlets and outlets that can lead to back-ups, overflows and unpleasant odors and is powerful enough to help correct overworked and sluggish systems.

- Formulated with patented ROETECH bacteria
- Degrades paper, proteins, starch and FOG
- Safe for all plumbing and systems
- Biodegradable & enzyme free
- Economical, use quarterly or as needed

AVAILABLE IN  
1/2 GALLON &  
2 1/2 GALLON



## **SS** Soap Degradер

Soap and detergent build-up which can cause problems in any septic system is especially problematic when combined with the high levels of fats, oils and grease (FOG) associated with the food service and hospitality industries. SD has been specially formulated to reduce soap accumulations in sewer lines, traps and on-site sewage disposal systems which receive these difficult wastes.

Regular use of SD will result in lowered soap and detergent levels throughout the septic system and will therefore result in more efficient, trouble free operation. Apply SD to toilets, traps or sinks.

- Prevents build-up of soaps
- Ends soap related back-ups and overflows
- Fortified with patented ROETECH bacteria
- Lowers COD in sewage effluents
- Efficient, safe and economical

AVAILABLE IN  
1/2 GALLON &  
2 1/2 GALLON

## **DT** Drain & Trap Cleaner

Sink and drain lines in food preparation areas are notorious for slow drainage and back-ups. DTC is a safe and natural way to biologically clean your sink traps, floor drains, and other waste plumbing and to keep them free of organic debris, FOG, and other food particles which can be the cause of your drainage related issues.

Formulated with patented ROETECH bacterial cultures, as well as a fresh odor neutralizing fragrance, DTC will not damage pipes, plumbing or other fixtures; is non-corrosive, and is safe for worker's skin. Used regularly, DTC will increase sink line drainage and will decrease drain line odors. Apply to all kitchen sinks, floor drains and wash sinks regularly.

- Removes odors
- Degrades FOG, proteins, starch & cellulose
- Non-Caustic and safe for all plumbing
- Biodegradable and natural
- Incorporates fresh odor neutralizing scent
- Convenient and easy to use

AVAILABLE IN  
1/2 GALLON &  
2 1/2 GALLON





## **DT** Main Line Cleaner

Sewer lines and main lines can build up solids which can cause back-ups resulting in unpleasant odors, fines, and loss of customer sales. ROETECH Main Line Cleaner has been designed to clean main sewer pipes of grease, fats, sludge and paper without the use of harsh, aggressive or dangerous chemicals. Regular use of MLC will keep sewer pipes free-flowing and can help to control problematic drain line odors.

- Keeps main lines build-up free
- Ideal for drains and low flow toilets
- Fortified with patented ROETECH bacteria
- Enzyme free & biodegradable
- Economical and safe for all types of plumbing

AVAILABLE IN  
1/2 GALLON &  
2 1/2 GALLON



## **DT** Drain & Trap Deodorizer

ROETECH Drain & Trap Deodorizer can be used to oxidize malodors without using bleach, disinfectants, or harsh chemicals. Use DTD regularly to end odors associated with floor drains in food service areas, bar drains where stale beer odors predominate and to deodorize other items such as mops or buckets.. Safe yet powerful, DTD works via chemical oxidation of odorous organic materials changing them into non-odorous bi-products.

- Safe and easy to use
- Fast, efficient and economical
- Safer than more aggressive type chemicals
- Eliminates offensive odors

AVAILABLE IN  
4.5 POUNDS



## **DT** Garbage Disposal Cleaner

Normal use of garbage disposals can result in a build-up of food particles in disposals, sink traps and pipes. This accumulation of particles causes odor, slow drainage, and clogged sink lines. RoeTech Garbage Disposal Cleaner has been specially formulated to breakdown trapped food and grease leaving garbage disposals and drains with a pleasant, clean smell. Regular use will help maintain your garbage disposal and sink drains.

- Cleans and neutralizes Odors
- Fortified with patented ROETECH bacteria
- Enzyme free & biodegradable
- Economical and safe for all types of plumbing

AVAILABLE IN  
1/2 GALLON



## **DT** Urinal Treatment

ROETECH Urinal Treatment contains selected bacteria that degrade urine and utilize ammonia. This process reduces odors and helps to prevent the build up of salts that form urinal stone. Urinal Treatment can be used in both conventional style flush urinals and waterless urinals that are designed with an oil type barrier.

- Reduces Odors and Prevents Urinal Stone Formation
- Formulated with patented ROETECH bacteria
- Biodegradable and safe for all plumbing
- Economical, use weekly or as needed

AVAILABLE IN  
1 QUART





**“ROETECH WORKS  
AND IT SAVED  
ME MONEY  
TOO!”**

## Testimonials

"I had tried many different products as well as pumping but continued to have grease build up as well as strong odor in all my restaurants and clubs. Then I discovered RoeTech Grease Trap Treatment and my grease and odor problems were solved... I also use RoeTech Drain & Trap Deodorizer in all my bar drains... RoeTech works and it saved me money too!"

**Bobby Brandt**, Owner/Operator

Flavour Restaurant, Coconut Grove, FL

Former Owner The Chile Pepper Restaurant - Miami Beach, FL

"We had severe odor and a couple of back-ups before using RoeTech. It is amazing how well the products work. They have handled the grease and odor problem perfectly in our large kitchen where 100 kitchen employees work. These products have proven to be economical as well as efficient."

**David McIntyre**, Purchasing Sous Chef

Spago of Beverly Hills, Beverly Hills, CA

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