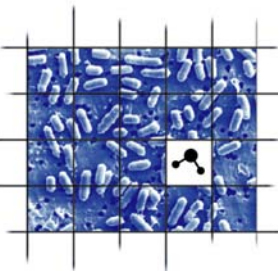


AUTHORISED DISTRIBUTORS



NATURAL BACTERIAL  
DRAINAGE TREATMENTS

for traps, drains, sewers, soakaways,  
septic tanks, cesspits, grease traps.



# MONUMENT TOOLS

## CATERING PRODUCTS

### ROEBIC NATURAL SOLUTIONS

### UK SUGGESTED RETAIL PRICE ex vat

3731M	LDT-H HALF GALLON	033051424112	LIQUID DRAIN AND TRAP CLEANER	£ 17.95
3744A	DT-1 2KG	033051400147	DRAIN AND TRAP DEODORISER	£ 30.00
3745D	MLC-1 GALLON	033051281081	MAIN LINE CLEANER	£ 36.35
3746G	MLC-5 5 GALLON	033051501080	MAIN LINE CLEANER	£ 165.00
3747J	BDC 5 lbs	033051320872	BACTERIAL DRAIN CLEANER	£ 25.80
3741R	GT-1 GALLON	033051400109	GREASE TRAP TREATMENT	£ 33.75
3742U	GT-5 5 GALLON	033051 200105	GREASE TRAP TREATMENT	£ 141.00
3743X	GT-MAX 5 GALLON	033051 600103	GREASE TRAP TREATMENT	£ 165.00
3748M	TS-2 2lb	033051762610	TRAP-SAK 2lb	£ 52.95
3749P	TS-5 5lb	033051762665	TRAP-SAK 5lb	£ 104.95
3750T	STT-1	033051373731	SEPTIC TANK TREATMENT	£ 34.95
3751W	STT-5	033051676733	SEPTIC TANK TREATMENT	£ 169.95
3752Z	SD-1	033051400123	SOAP DEGRADER	£ 36.95
3753C	SD-5		SOAP DEGRADER	£ 174.95

NOTE :

ALL MEASUREMENTS ARE US MEASUREMENTS :

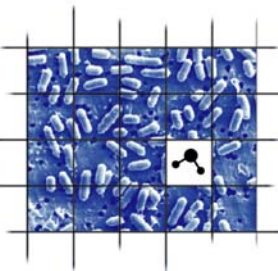
1 QUART = 946ml | HALF GALLON = 1.892 litres | GALLON = 3.784 litres

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### MICROBIOLOGY INFORMATION

Bacteria are living, single cell organisms that inhabit every environment on Earth. During their life cycle, bacteria feed by producing enzymes that break down large food molecules into smaller pieces, which are then absorbed, by the cell. These nutrients are necessary to maintain all aspects of cell function and reproduction.

Some bacteria require oxygen to live and are called aerobic bacteria. Others live without oxygen and are anaerobic. Still others can live in low oxygen, high nitrate environments. Residential septic systems are the most common anaerobic sewage systems, and home cesspools are the most common aerobic systems. Most drain, trap and plumbing systems are also aerobic environments.

Bacteria also have various requirements for temperature and pH (acidity or alkalinity). They produce their enzymes in response to these conditions as well as the type of food available to them. ROEBIC's bacteria live in very wide temperature and pH ranges, and produce many enzymes, making them useful in treating wastewater. Some of the enzymes produced are proteases which degrade proteins, lipases that degrade fats and greases, starch degrading amylase, and cellulase which breaks down cellulosic structure in paper and plant tissue.

The process of adding bacteria to enhance the natural biological degradation of wastes is called bioaugmentation. It is one of the oldest, yet newest pollution fighting tools.

ROEBIC bacterial products are bioaugmentation products. When a ROEBIC bacterial product is applied to the environment the product was formulated for, several things happen.

The bacteria begin to adapt to the specific conditions of temperature, pH, and waste composition. After a short time each bacterial cell begins to produce enzymes to start the process of degrading a food source and obtaining its nutrients. Soon the bacteria begin to reproduce rapidly, manufacturing more and more enzymes and degrading more and more organic matter. When the process of waste degradation happens faster than the addition of new waste, the levels drop.

Whether a ROEBIC product is added to a septic tank, grease trap, wastewater treatment facility or a sink drain, the process is the same. Sludge is reduced in the septic tank, grease accumulates less in the grease trap, wastewater is more effectively treated, and the sink drains better and does not clog.