AUTHORISED DISTRIBUTORS

ROEBIC®

NATURAL BACTERIAL DRAINAGE TREATMENTS

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

MONUMENT TOOLS

CONSUMER PRODUCTS

UK SUGGESTED RETAIL PRICE ex vat

3720E	K37-Q QUART	033051001375	SEPTIC TANK TREATMENT	£ 10.95
3736B	K37-H HALF GALLON	033051002372	SEPTIC TANK TREATMENT	£ 20.50
3721H	K37-G GALLON	033051004376	SEPTIC TANK TREATMENT	£ 37.35
3737E	GSS-1 16oz	033051419552	GRANULAR SEPTIC TANK TREATMENT	£ 9.95
3722K	K47-Q QUART	033051001474	CESSPOOL TREATMENT	£ 10.95
3723N	K57-Q QUART	033051001573	EMERGENCY SEPTIC & CESSPOOL CLEANER	£ 10.95
3732P	K57-H HALF GALLON	033051002570	EMERGENCY SEPTIC & CESSPOOL CLEANER	£ 20.50
3724Q	K57-G 1 GALLON	033051004574	EMERGENCY SEPTIC & CESSPOOL CLEANER	£ 37.35
3726W	K87 QUART	033051011077	SOAP DIGESTER	£ 10.95
3728C	K97-Q QUART	033051001085	MAIN DRAIN / MAIN LINE CLEANER	£ 10.95
3734V	K97-H HALF GALLON	033051641083	MAIN DRAIN / MAIN LINE CLEANER	£ 20.50
3729F	K97-G GALLON	033051281081	MAIN DRAIN / MAIN LINE CLEANER	£ 37.35
3735Y	GDC QUART	033051320230	GARBAGE DISPOSAL CLEANER	£ 9.95
3725T	K67 40oz	033051001672	GRANULAR DRAIN AND TRAP CLEANER	£ 10.95
3730J	LDT-Q QUART	033051024114	LIQUID DRAIN AND TRAP CLEANER	£ 9.95
3731M	LDT-H HALF GALLON	033051424112	LIQUID DRAIN AND TRAP CLEANER	£ 17.95
3761B	BC QUART	033051011343	BACTERIAL COMPOSTER	£ 8.50
3771G	RV-Q	033051009463	HOLDING TANK TREATMENT	£ 8.95
3772J	GW-Q	033051009463	GREYWATER TREATMENT	£ 8.95

NOTE :
ALL MEASUREMENTS ARE US MEASUREMENTS :
1 QUART = 946ml | HALF GALLON = 1.892 litres | GALLON = 3.784 litres

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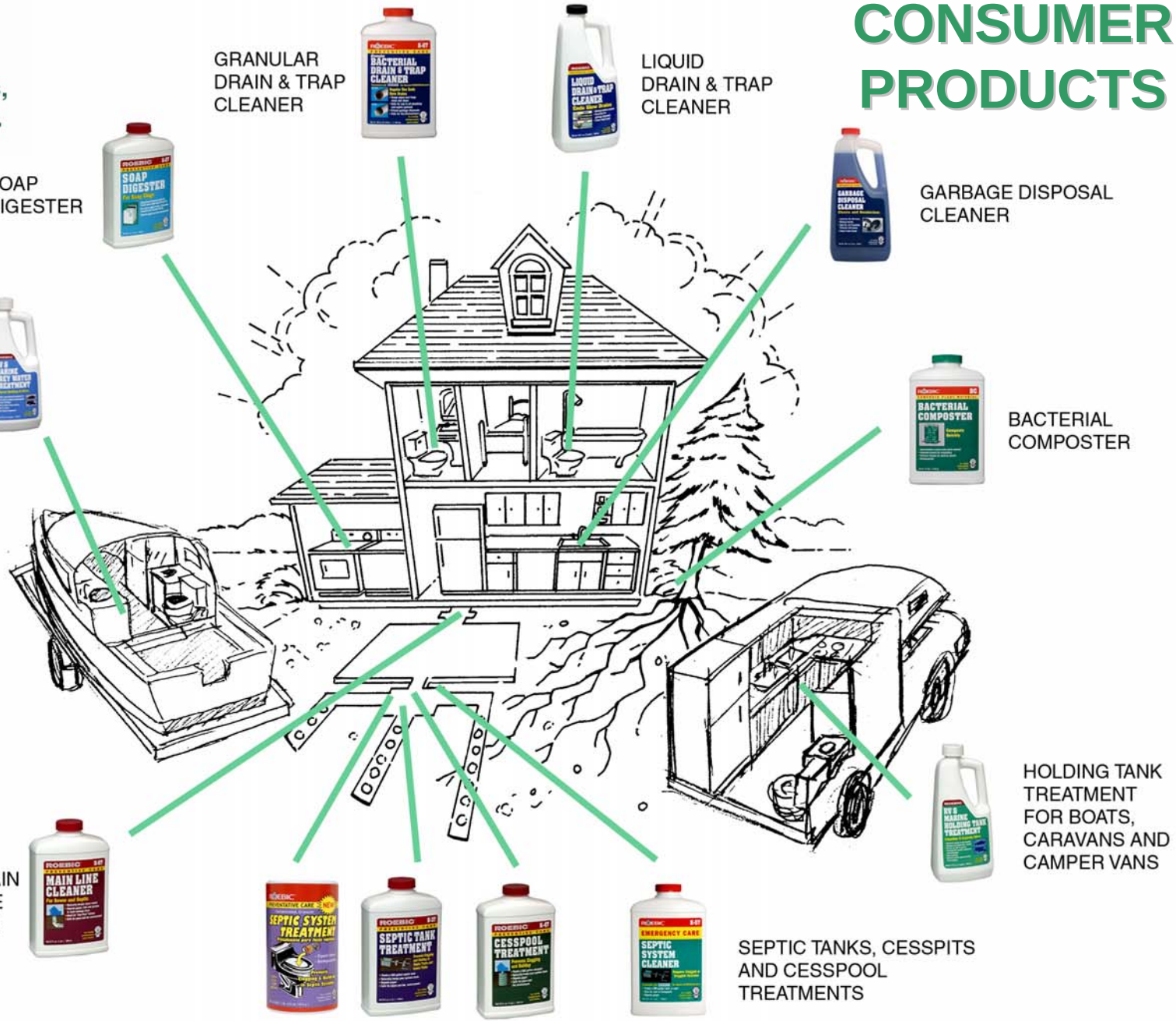

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MICROBIOLOGY INFORMATION

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.