



# HOLDING TANK TREATMENTS

***IDEAL FOR USE IN TRAILERS, BOATS AND RECREATIONAL VEHICLES***

Until recently, domestic wastes collected in holding tanks have been treated for one reason only. That was: to prevent foul odours from spoiling leisure time. No thought was given to what happens to the waste after the tank is dumped. Products commonly available were designed to kill the odour causing bacteria, cover up any residual odour with perfume and colour the waste blue, so that it didn't look like sewage. The dye and perfume do not perform a useful function and simply add two more contaminants to the waste. The perfume is only useful if the product doesn't work because it then masks the odours. As for the dye, who cares what colour that stuff in the holding tank is? When did you last stick your head in and remark on the pretty colour?

Users are no doubt aware that all these products are hazardous if ingested and must be kept away from children and animals. Users should also be aware that the blue stain resulting from spillage is difficult to get rid of. What the user is usually not aware of is the environmental effect of these products.

Holding tank wastes obviously must be pumped out. Where do they go? They may go to a larger depot holding tank and then to the nearest municipal sewage treatment facility. They may go into a tourist operator's septic tank. Both waste treatment systems depend on bacterial action. What happens when a load of chemical enters the system which is specifically designed to kill bacteria? The answer is obvious. At best, it reduces the efficiency of the treatment process, and at worst, it stops the biological action completely. It may be argued that there is insufficient chemical in the waste to have any effect on subsequent treatment processes. This is a false argument. These products are recommended at dosages so high that there will always be a significant excess to take care of any waste load. This excess will continue to kill bacteria in any receiving system.

The environmentally sound way to deal with holding tank wastes is to create the growth of non-pathogenic, non-odour causing bacteria in the tank which out-compete the odour causing bacteria naturally present in the waste. This not only gives the user the performance desired, but also begins the treatment process and actually improves the efficiency of subsequent treatment.

***Naturally Powerful !***