

WESSEX SOLUTIONS – ‘MARINE BIO-CARE’

How it works

Marine ‘Bio-Care’ is a biological formulation which uses enzyme-producing organisms to consume the short-chain molecules that are the source of malodours produced by decaying organic material. The enzymatic process simply converts the organic material to smaller molecules that can be adsorbed by the bacteria and reduced to harmless CO₂ and water. The bacteria will continue to reproduce as long as there is organic material for them to consume.

Marine ‘Bio-Care’ eliminates the ‘rotten egg’ smell that builds up in toilet-flush inlet pipes in between sailings. This well known problem is caused by marine organisms decaying in the inlet pipe between the inlet sea-cock and the toilet system, resulting in the ‘rotten-egg’ smell when the toilet is flushed.

A very simple and low cost delivery system is available from:

**BB Marine RS Ltd
Hamble Point Marina
Southampton
SO31 4JD
Tel. 07785 794188).**

This can be fitted very quickly and with minimum disruption to the existing pipework on your boat. Alternatively fitting can be carried out in conjunction with normal holding tank or toilet servicing during winter lay-up time.

This system places a sufficient quantity of Marine ‘Bio-Care’ into the inlet pipework, after the final flush of the toilet on each sailing. This continues to work along the entire length of the pipework whilst the boat is moored up, preventing a build up of bad smells .

When the toilet is first flushed on the next sailing, the water smells clean and fresh and the whole system gets a dose of lubricant, limescale remover and anti-foaming agent. The inlet pipework will not need regular replacement (often required due to the permeation of the ‘rotten-egg’ smell into the material of the pipework). The outlet pipe, also often the source of smells, also gets a coating of the product.

Marine ‘Bio-Care’ controls the build-up of limescale and phosphate deposits (from urine), so toilet pumps, diverter and choker valves, seals and macerators will have prolonged life-expectancy as the scouring action caused by these deposits will be greatly reduced. Also the addition of a silicone lubricant gives all components a coating, again reducing wear and tear and making valves and pumps easier to operate.

Used in holding tanks for over-wintering , Marine ‘Bio-Care’ combats the smells caused by any residual organic material. Also similarly used in bilges to control the smell of stagnant water.

Finally, Marine ‘Bio-Care’ can be used in toilet areas to combat urine splashes around heads (hinges, seats, flooring) and around showers and sinks to remove greasy deposits (body-fats) and limescale.

With just one product, Marine ‘Bio-Care’ gives you the solution to many of the problem smells and cleaning problems associated with the on-board operation of toilets and waste-management systems in the marine environment.