

# BORESAVER ULTRA C

## DESCRIPTION

**BoreSaver Ultra C** is an approved cleaning treatment that completely removes iron oxide deposits found in wells, bores, pipes and pumps. It also minimises and controls iron related bacteria contamination.

Use of **Ultra C** improves water supply, increases output and extends the working life of pumping equipment and accessories.

**Ultra C** is safe, easy to use, biodegradable and environmentally friendly. It can be used without dismantling equipment and will not attack or deteriorate any materials inside the system.

For help with assessing the nature and extent of the contamination refer to our *Range Usage Chart*.



## TECHNICAL CHARACTERISTICS

**Ultra C** comes in a solid crystal form that is added directly to the well or borehole. It is an approved proprietary blend of monohydrates and organic acids based on leading independent research. The key component of **Ultra C** has been shown to be ten times more effective than other chemicals at removing iron oxide and iron bacteria.

**Ultra C** is approved by the Secretary of State under Regulation 31 of the Water Supply (Water Quality) Regulations 2000 for use in potable water applications. **Ultra C** is tested and certified by NSF International, the Public Health & Safety Company in America, under ANSI/NSF Standard 60 for use in potable water supplies. Approved methods and dosages should be maintained at all times. **Ultra C** was developed in Australia by Aquabiotics Industrial.

## MAIN CHARACTERISTICS

**Ultra C** is added directly to the water system and the amount to use is based on the volume of water. Typical dosage rates are between 20kg and 70kg per cubic metre of water in the well, depending on the severity of the contamination.

The **Ultra C** treatment works directly on the problem, loosening and dissolving the deposits and related contamination. Any of the standard rehabilitation methods are then used, including surging and brushing, air-lifting and pump-in recycling, to safely pump the deposits and contamination away. The ideal cleaning time period is 24 to 48 hours.

During the rehabilitation process components of **Ultra C** are converted to carbon dioxide and water and the residual components are readily biodegraded to harmless inorganic ions and compounds.

The frequency of follow up cleaning will be determined by the natural conditions in the system although a regular maintenance programme is recommended. Whilst all iron oxide deposits can be removed, it is not possible to completely eliminate iron related bacteria. However, regular use of **Ultra C** can control the problem and ensure the well/bore and pumping equipment is working at maximum efficiency for longer periods. Research has shown that effective cleaning with **Ultra C** prolongs the time between rehabilitation cleans.

To ensure the best possible results a *Well Rehabilitation Analysis Checklist* has been developed which should be completed before use. We recommend the use of a good quality downhole CCTV camera to assess the nature and extent of the contamination. Please refer to our technical department with any queries.

**Ultra C** is available in 5kg, 10kg and 20kg boxes.

**Ultra C** can be used in conjunction with all other BoreSaver treatments. Refer to our technical department for advice.