



# Ferromex®

Sludge Treatment Products



Treatment and disposal of sewage sludge are major factors in the operation of all wastewater treatment plants. Two basic goals of treating sludge before final disposal are to reduce its volume and to stabilize the organic materials. OMEX offer a range of products to improve the coagulation of fine suspended solids in wastewater treatment plants, to help prevent filamentous bulking, promote biomass activity and to optimise the overall health of wastewater treatment plants.

The **FERROMEX 620 & 630** series is designed to combat problems such as filamentous bulking, pin flocs, poor floc structure and turbid effluent. **FERROMEX** products are combinations of inorganic iron, complex iron and bio-available trace elements created for activated sludge and other aerobic plants to assist with sludge settlement, flocculation and to improve a plants biological health.



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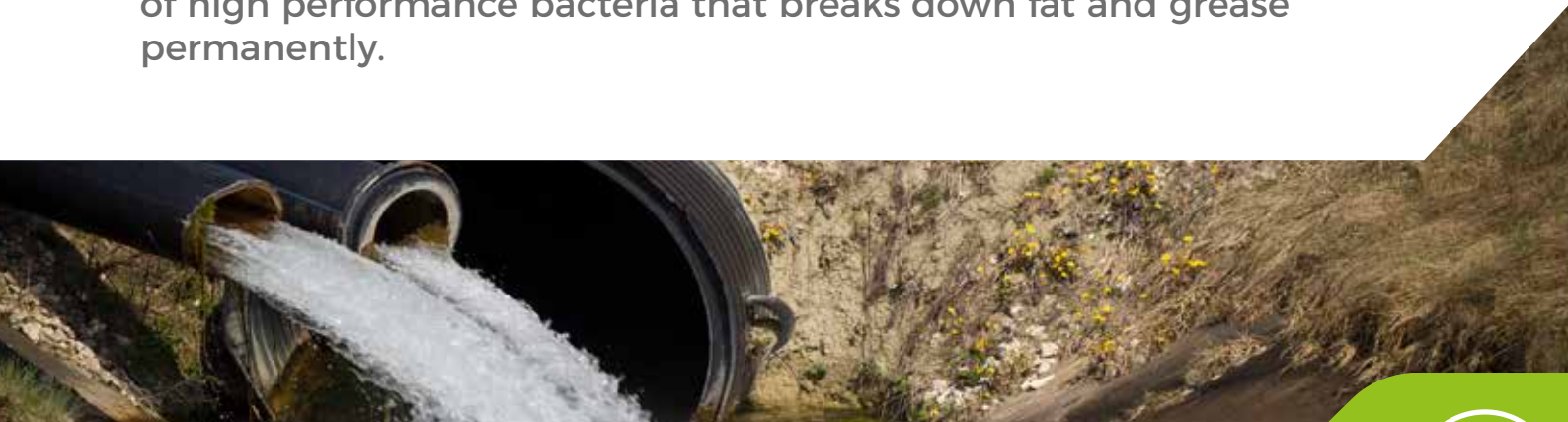


Other products available, used to assist with sludge settlement and the breaking down of filamentous material, include;

**ALUMEX**, a specialised inorganic salt-based coagulant, designed to improve the settling capacity of sludges and coagulate suspended colloidal matter. It shares the same key benefits of Ferromex and unlike more commonly used coagulants, both products do not add sulphate to the system which can cause odour problems later on.

**BULK-X**, developed to specifically combat filaments found to cause bulking and is a cost effective alternative to sodium hypochlorite. In many trials with BULK-X the filaments are eliminated within a few days, with no damage to flocs and without harming any of the performance indicator organisms.

**BIO-BLOCK**, a water soluble product that gradually dissolves over a 30-90 day period. The slow release provides a continuous supply of high performance bacteria that breaks down fat and grease permanently.



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