



## SPECIALITY PRODUCTS

Omex offers many more products alongside its 'standardised range', to help deal with some of the problems that can occur in the wastewater treatment industry.

These include products to help prevent filamentous bulking, promote biomass activity, improve floc formation, improve settlement 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.

**BULK-X®** has been developed to specifically combat filaments found to cause bulking in aerobic systems 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. Key benefits include fast effective filament breakdown, no chlorine precipitation and added trace elements available for increased plant efficiency.

Other products available include, **BIOMEX®**, a product used to promote biomass activity and growth in biological wastewater treatment plants and **ALUMEX®**, used to assist with sludge settlement, flocculation and to optimise a plants' biological health.

Also available from **Omex Environmental** is the highly successful **ISOMEX®** series of deicer chemicals. These are concentrated liquids offering clean, simple handling and accurate, rapid application. The range of products is extremely effective both for de-icing and anti-icing prevention for bridges, roads, runways, pavements and railway platforms and are already in use at most major airports in the UK.



Omex Environmental services include;

## ANALYTICAL SERVICES

Wastewater samples can be analysed for Nitrogen and Phosphorous macronutrients and metal micronutrients. Analysis identifies deficiencies and allows consequent additive requirements to be accurately determined. Analysis for rates of neutralisation, precipitation of metals and sludge volume production are also available.

## PLANT PERFORMANCE MONITORING

Regular site visits by our water technologists incorporate on-site analysis for residual nutrients to determine optimal dosing, visual checks of microbiology, close liaison with the customer and operators to exchange technical advice and detailed process reports.

All resulting in the optimisation of the WwTP

## CUSTOM MADE FORMULATIONS

Custom designed trace element additive solutions to match your plants requirements available, alongside our wide range of product solutions. All designed to optimise plant performance, protect the environment and reduce overall production costs.

# Powerful Solutions...for Industry and the Environment

## Omex Environmental

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