

Solutions for the Waste Water Industry

The Chemical Solution to Waste Water Treatment

Within Univar, the Water Industry Group delivers quality, safety and service in the supply of commodity and speciality chemicals to the Water Industry market, reflecting the importance we place on this industry.

Operating from a dedicated technical and administration centre at Lakeside, Manchester, we offer a comprehensive range of products focused on Industrial Waste Water Treatment.



The Industry Environment

As a result of the 1991 EU Waste Water Directive, the UK's water utility companies have invested billions of pounds on the construction and operation of a large number of new waste water treatment facilities, as well as the upgrading of many coastal treatment works to include secondary and tertiary treatment.

For those companies, often the utilities themselves, who discharge to surface water courses the treatment requirements become much more stringent and are policed by the governmental Environment Agency. However, Univar can also assist with all aspects of the chemical treatment of this directly discharged water.

Many industrial waste water dischargers have seen their trade-effluent charges increase as calculated through the Mogden Formula and have taken the decision to invest in their own on-site waste water treatment facility. For details of the Mogden Formula please see "Defining the Waste Water Process." Such facilities are a combination of mechanical and chemical conditioning processes and it is in optimising these processes that Univar can provide knowledge-based support to customers.

Knowledge that delivers >>>



Solutions for the Waste Water Industry

	pH Control	Coagulation	Flocculation	Fats Oils Greases	Sludge dewatering	Odour control	Foam control	Colour removal	Heavy metals removal	COD/ BOD removal
Aluminium sulphate		●								●
Ferric sulphate		●								●
Ferric chloride		●				●		●		●
Caustic soda	●								●	
Magnesium hydroxide	●					●			●	
Lime	●								●	
Poly-aluminium chloride		●						●		
Potassium permanganate						●		●		●
Essential oils						●				
Sulphuric acid	●								●	
Hydrochloric acid	●									
Bio-augmentation				●		●				●
Bio-management				●		●	●			●
Polymers			●		●			●	●	●
Sodium hypochlorite						●			●	
Sodium bisulphite									●	
De-foamers							●			

