



**Applied Chemicals Application Technology**  
*Technical Service is our Success*

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machine  tech

paper  tech

water  tech

chemical  tech

enviro  tech

## machine tech

### Complete Solutions and System Components for Mechanical Sludge Dewatering

- Municipal and Industrial Plants for Sludge Dewatering
- High Performance Centrifuges
- Screw Extruders
- Belt Press
- Chamber Filter Press
- Polymer Preparation Plants
- Lime Milk Processing Units
- Ferric Chloride Storage and Dosing Systems
- Filter Cake Shredder
- Chain Trough Conveyor
- Spiral Conveyor
- Spiral Containers
- Sludge Silo and Bunker Discharge Units

### Process Engineering

Sludge Dewatering Processes

### Solar Drying Systems

By Sludge Manager® or "electrical mole"  
For sludge or mechanical dewatered sludge

### Fully Automatic Belt Drier

For mechanical dewatered sludge

### Low Temperature Conversion

Conversion of sewage sludge into crude oil and carbon

### Components of a Mechanical Sewage Treatment Plant

- Filter Step Screens
- Flat Fine Screen / Round Fine Screen
- Spiral Press
- Spiral Screen / Bar Screen
- Compact Unit
- Screenings Wash Press / Rake screening press
- Grit Washer
- Flotation Units

### Machinery Service / Spare Part Sales

## water tech

### Flocculants and Coagulants

Waste Water Treatment, Sludge Dewatering,  
Drinking Water Treatment and Production of salt

### Ferric and Aluminium Salts

Phosphate Removal and Pre-coagulation  
Waste Water Treatment, Drinking Water Treatment

### Biochemical Products

Assistance and Improvement to the biological  
Waste Water Treatment Process

### Odour Control Aids

Systems for Odour Control in municipal and  
industrial applications

### Defoamers and Deaeration

Avoiding foam build up

### Industrial Cleaner

Removal of Polymer, Algae, Grease, Oil,  
Stains of Ferric Salt,  
For Cleaning Filter Presses and Dosing Units

### Corrosion Inhibitor, Hardness Stabilisation Products, Dispersants, Biocides, Metal Passivator and Chemical Cleaning, Defoamers, Oxygen Scavengers, Alkalization Agents

For Cooling, Boiler and Condensate Systems

### Special Products

Waste Water and Drinking Water Treatment

### Make up and Dosing Systems

For chemicals and minerals

## paper tech

### Bentonites

Retention and Drainage Systems  
Waste Water Treatment  
Pitch and Stickies Control

### Retention Aid Systems

Single polymer systems  
Dual polymer systems  
Micro-particle based systems for optimum sheet  
formation, retention and dewatering performance

### Fixing Agents and Coagulants

Waste Water Treatment  
Pitch Control, Stickies Control for pulp,  
waste paper and woody systems,  
Coating Effluent,  
Broke and Coated Broke treatments,  
COD Reduction  
Charge control

### Flocculants

Waste water treatment  
Sedimentation, Flotation and Drinking water treatment

### Ferric- and Aluminium Salts

Phosphate Removal and Pre-coagulation  
Waste Water Treatment, Drinking Water Treatment

### Defoamers and Deaerators

Foam suppression during Paper and Pulp Production  
processes  
Coating and size press treatments

### Coating and Size Press Additives

Surface Improvement

### Odour Control Aids

Systems for Odour Control in municipal and industrial  
applications

### Compression Moulded Centre Plugs

### Machinery and Equipment

Make up and Dosing Systems for chemicals  
and minerals

## chemical tech

### Liquid Defoamers

Avoiding Foam build up in the Colour and Varnish Industry,  
Adhesive Industry and Building Chemicals

### Powder Defoamers and Specialties

Avoiding Foam build up in the Building-Material Industry

### Wetting and Dispersion Agents and Additives

Colour, Varnish and Adhesive Industry, Building Chemicals

### Mineral Flame Retardants

Building Industry, Vehicle Manufacturing and  
electrical Industry

### Thickeners and Rheology additives

Colour and Varnish Industry, Adhesive Industry,  
Building Chemicals

### Pigments and Fillers

Colour, Varnish and Adhesive Industry

### Agricultural Products

- Micro Nutrients in gel form
- Soil Conditioner
- Hydroseeding Aids

### Filter Aid

### Dust Suppression

## enviro tech

### Odour Control

Odour Control Aids for several Industries

Various application systems to apply our odour  
control and dust suppression aids

Leading-edge technology to provide continuous  
on-site odour monitoring and dispersion modelling

A unique system for removing VOC's (Volatile  
Organic Compounds), TRS (Total Reduced Sulphur)  
and odours from industrial exhausts

### MeasureStarNet®

The system offers internet based acquisition,  
transmission and visualisation of any analogue  
and/or digital measurement value.

### MeasureStar®

Portable measurement instrument for capture and  
transmission of gas concentration in air.

### Biochemical Products and Compost Additives

