



EFFECTIVE. MORE EFFECTIVE!

Effective process chemicals to meet high demands

UNIQUE IDEAS. UNIQUE SOLUTIONS.



INTELLIGENT SOLUTIONS FOR YOUR PROCESSES



Wood being a renewable raw material forms the base for fibre production.



Optimised production flow guarantees an effective paper production.



Enduring waste water cleaning helps to protect resources and results in cheaper production processes.

> FIBRE PRODUCTION

Pulp, groundwood and recovered paper are the most important raw materials for producing paper. In chemical pulping processes CHT anti-scalants effectively prevent deposits in the batch digester or heat exchangers. In this way they contribute to safe production and higher productivity.

When washing pulp, CHT defoamers prevent the formation of disturbing foam and support the washing process thanks to their excellent deaerating effect. CHT sequestrants form stable, soluble chelate complexes with nearly all metal ions.

Heavy metals such as manganese and iron are sequestered very effectively. Bleaching processes during the production of pulp and paper are effectively stabilised.

Unlike sequestering agents based on amino carboxylates, CHT sequestering agents can be eliminated efficiently in waste water treatment plants and they make an important contribution to environmental protection.

- **TUXON**
sequestering agents | anti-scalants

- **TUXOL**
defoaming agents

> WET-END CHEMISTRY

Our large product portfolio offers many possibilities for optimising your production flow and consequently your productivity with our defoamers, optical brighteners, cleaning additives and softeners. Our retention aids consisting of polyacrylamides, fixing agents and anionic micro particles keep a maximum of fines and fillers in the sheet and improve the drainage process.

Special products based on enzymes are used to improve drainage and strength properties of the final paper.

- **CHT-RET**
retention aids

- **CHT-FIX**
fixing agents

- **CHT-ENZ**
enzymes

> EFFLUENT TREATMENT

CHT-FLOC and CHT-FIX products support the treatment of white water and waste water in the paper industry.

Basically, these are synthetic, mostly highly molecular water-soluble polyelectrolytes.

The application fields range from sedimentation and flotation units on the paper machine, dewatering of sludge in DIP and purification plants as well as dewatering on wire presses, centrifuges and screw extrusion presses.

- **CHT-FLOC**
flocculants

- **TUPOL**
coagulants



INNOVATIVE, CUSTOMER-ORIENTED PRODUCT DEVELOPMENTS,

HIGH QUALITY STANDARD AND OUTSTANDING SERVICE FOR OUR

CUSTOMERS ARE CHARACTERISTIC OF CHT



YOUR REQUIREMENTS – OUR SOLUTION



Dynamic research and development lead to solutions for tomorrow's trends.



Our claim for quality, environmental protection and safety are synonymous with the CHT company philosophy.



CHT Tübingen – Competence centre of the CHT Group for the whole world.

> OUR COMPETENCE

We set our own requirements to always be one step ahead of what the market needs and to not only fulfil our customers' wishes, but to accompany them on their way. Our expert staff carries out research and develops innovative solutions in our modern laboratories for highest demands. We take time for you at CHT. Customers' wishes, their technical and economical requirements are focal points of our work. We implement our know-how throughout the world to develop innovative and economical solutions for special customer needs.

Optimal process control and a high vertical integration enable us to develop tailor-made products for you.

CHT know-how assists you through all process steps. We also ensure that your ideas are implemented quickly and efficiently on your sites.

> OUR CLAIM

Quality is a high standard that CHT fulfils as an obligation. Selection of suitable raw materials is the basis for high product quality together with "best" process technique in production and effective quality assurance for the end product. Our own laboratories throughout the world are the guarantee that this CHT product quality is available all over through technical application, analytical and environmental examinations.

Responsibility for the environment is inseparable from the company philosophy. CHT has committed itself to act in the sense of the Responsible Care Initiative. It is our commitment to develop new products and keep focused on the ecological handling of our resources. We combine profitability and ecology for the benefit of our environment and set new benchmarks with modern, environmentally friendly additives.

CHT maintains a certified, integrated management system consisting of ISO 9001 (quality management), ISO 14001 (environmental management) and has a strategic management plan for operational safety and emergency cases.

> CHT

In 1953, more than 50 years ago, CHT was founded by Reinhold Beitlich and today it is a globally operating company that successfully develops and markets special chemicals. Expert advice, innovative products and an outstanding customer-oriented service is synonymous with CHT as a partner. With own production and marketing locations, CHT is represented throughout the world with independent companies.

Within the CHT Group, Tübingen still has a central meaning as company headquarters. Tübingen is the competence centre where innovative ideas are developed and implemented in chemical products, applications or processes. Here you will find laboratories with high-tech equipment for development, analysis and application that form the base for the worldwide success of the CHT Group.



INNOVATIVE SOLUTIONS FOR PAPER AND PULP

We set new standards with modern, environmentally friendly chemical additives. CHT is your reliable partner for pulp and paper.

Intensive research and development together with our understanding of the needs of our customers continually lead to new tailor-made solutions.



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