

CHT WASH SOLUTIONS

Wash competence with system

UNIQUE IDEAS. UNIQUE SOLUTIONS.



OUR SYSTEM



> DO YOU WASH IN THE BEST WAY?

Are your washing results satisfying? Do you make compromises between quality and economy? Is your cleaning gentle and does it make textiles more durable?

Do you use the real potential of washing for cleanliness, whiteness degree, handle and finishing effect? How important is the environment for you?

The CHT/BEZEMA Group is a worldwide active enterprise. For more than 50 years we have supplied innovative and high quality products to customers of the textile finishing industry. Due to our expert competence in the whole textile chain, we are able to offer you individual and systematic solutions with CHT WASH SOLUTIONS for unusual problems in textile care.

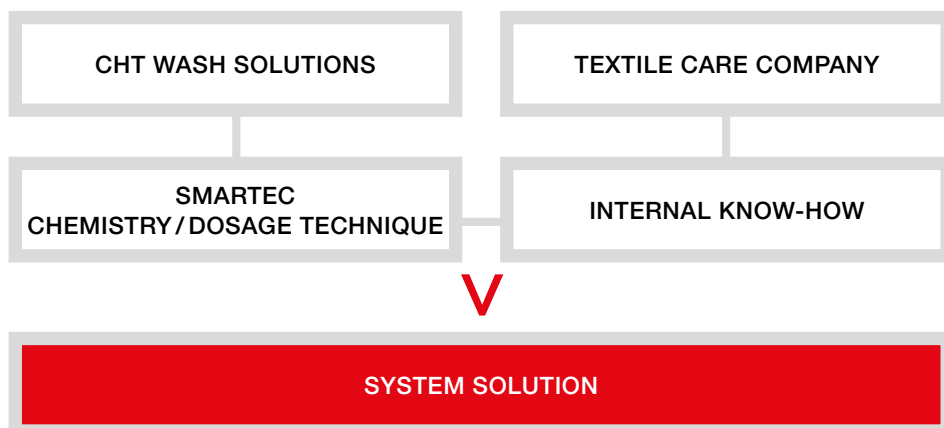
> COUNT ON COMPETENCE WITH SYSTEM

- A complete range of innovative products for all fields of modern textile care
- Compact, efficient dosage technique
- Expert competence for the whole textile chain
- Extensive services including laboratory analyses, advice, training, environmental and product safety

> A tailor-made system solution for you

> THE BASIS OF OUR SYSTEM SOLUTION

It is based on our know-how in chemistry as well as on processing and dosage technique, but also on a coordinated exchange with producers of machines and is directly targeted on your needs.



Best solution for textile care – without compromises.

OUR SOLUTION



> SMART SOLUTIONS – SMART CHEMISTRY

The **SMARTEC system** of CHT/BEZEMA Group is based on the simple and obvious principle to use only so much chemistry for washing as is really needed – depending on the present laundry type and the degree of soiling. The **SMARTEC system** individually combines all components necessary for washing. Washing active surfactants, alkali, sequestering agents and optical brighteners are dosed only according to demand and in the right way so that optimal washing results can be obtained without neglecting economy and ecology. Products for laundry finishing with many of innovative elements round off the **SMARTEC system**.

- **Emulsifiers, wetting agent**

BEICLEAN

Concentrated, liquid surfactant formulas with high wetting power and very good fat and oil emulsifying power. Also for the most difficult tasks with persistent fat soiling from gastronomy or from workwear of metal processing companies.

- **Detergent boosters**

BEIPILEX

Highly concentrated with extraordinarily good sequestering power towards heavy metals and hardening substances the products of the BEIPILEX series prevent precipitation in the machine and on the laundry. With excellent dispersion of impurities the ideal supplement to the BEICLEAN series in case of pigment containing soiling.

- **Bleaching, disinfection**

BEIBLEACH

Thorough elimination of stains, best whiteness degree and reliable disinfection allow a safe process and guarantees always good results for the highest demands.

- **Optical brighteners**

BEIBLANC

High yield in application, insensitive to acid, stable to oxidation and in different shades completing the **SMARTEC system** on white laundry.

- **Neutralisation**

BEIACID

Highly efficient acid mix with sequestering effect give a skin friendly pH value in the laundry, protection from yellowing and improve the properties during drying and finishing.

- **Laundry finish**

BEISOFT

Comfortably, soft handle with excellent absorbing power at the same time, improvement of smoothness after drying, less mechanical impact when worn due to inner softness and therefore longer wear. All of this with additional skin caring components or tumbler permanent fragrance effects if desired.

BEIAPPRET

Liquid products based on natural rice starch for stiffening effects of different intensity with excellent running properties on the mangle.

- **Protective finishing**

BEIPHOB

Highly efficient, high yield fluorocarbon compounds for water repellent and oil repellent finishing and stain resistant finishing, at high or lower temperatures with particular focus on barrier effect or with soil release effects.

OUR COMPETENCE



> CHT/BEZEMA GROUP – GLOBAL COMPETENCE

Since CHT R. Beitlich GmbH was founded in the fifties by Reinhold Beitlich in Tuebingen, the company has developed to a globally active group consisting of more than 20 affiliates active in more than 60 countries. Its representation on all important markets made the CHT/BEZEMA Group to a leading producer of textile auxiliaries. Our products can be directly purchased on all relevant local markets of the world. Efficient production procedures, modern production plants and a multistage test system assure our high quality standard.

In its basic sector the CHT/BEZEMA Group fabricates products for the whole textile chain applied in the fields of fibre production, pretreatment, dyeing, finishing and coating. Textile dyes belong to our complete offer. They are finished and distributed worldwide under the branch name of BEZEMA by our affiliate with the same name.

We committedly apply our comprehensive know-how in all textile processing fields, also to the advantage of our customers in the field of textile care. It allows us to optimise products and procedures specifically so that a washing treatment adequate to the demands of the textile can be obtained.

We use synergy effects and achieve solution possibilities last but not least by our view as textile experts.

> SMARTEC – COMPETENCE IN DOSAGE TECHNIQUE

The **SMARTEC dosage technique** is adjusted at best to the **SMARTEC single component system**. It allows a maximal flexibility for the creation of washing procedures and can be connected to most varied machine types. The **SMARTEC dosage technique** needs very little space. Exact dosage and high reliability lead to quality and economy.

Most recent technical components, perfected design, high quality manufacture, chemical and process technical knowledge transferred to practice assure a low-maintenance operation and gives convincing washing results. The installation of our dosing technique is rapid and is simple. The compact main unit is delivered as a ready-made component part. After connection of energy, water and compressed air the unit is then ready for use.

The handling of the system with a touch screen is simple. Dosing processes and profiles are shown graphically on a clear layout display.

> SERVICE – FLEXIBLE, EFFICIENT, CLOSE TO THE CUSTOMER

CHT WASH SOLUTIONS include comprehensive service already starting in the planning phase. Experienced laundry experts receive your problem, give you competent advise at your site. The process orientated solution proposals are based on our large chemical and textile knowledge. Our laboratories equipped with the most modern techniques support the analysis for individual system solutions. The setting up and running in of the **SMARTEC dosage technique** will be accompanied by highly qualified staff members, so that the unit can be used rapidly and safely.

Regular maintenance is considered as matter of course. The control of the dosage plant with connection to internal networks also allows the transfer of disturbances via e-mail or SMS. To solve the problems we offer a remote maintenance. Training provides an easy access to the operation.

For the handling of daily problems we support our customers in individual counselling interviews and with laboratory studies as well as efficient environmental and analytical techniques.



WE DEVELOP TAILOR-MADE SOLUTIONS
FOR YOU.



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