

Tübingen, February 2018

organIQ - the environmentally friendly finishing concept for jeans from the CHT Group

Everyone wears them, both young and old, in business, at formal events or in leisure time. The heavy duty worker's trousers of the 19th century has become a fashionable trendsetter. There are many different possibilities to treat this blue fabric. However, denim finishing has been coming under increasing criticism for years with regard to the environmental impact of the processes and chemicals in use.

Being a responsible-minded company, the CHT Group has developed an innovative range of products named organIQ which is being marketed throughout the world. All organIQ products are free from the heavy metal compounds and chlorine that are commonly used today, but still enable economical and modern denim finishing.

Approximately 5 million jeans are produced every day and are chemically treated to the so-called "used look". By using potassium permanganate about 5 tons of this "water poison" enter the wastewater and, like chlorine, have a lasting effect on human and animal health and the environment.

The CHT Group, a global supplier of specialty chemicals, has been focussing for a long time on the development of sustainable chemical solutions and innovations for trendsetting processes in the entire textile industry. The organIQ products are a special development for the "denim washing" sector.

In 2015, the organIQ BLEACH system was introduced as the first potassium manganate-free bleaching agent. With this patented bleaching system, the desired "used look" can be produced in an environmentally friendly way and without having to use persistent components such as heavy metals. In order to further optimise its usability the system has been furtherly developed, so that it can also be used in modern fogging machines.

Combining the bleaching system with the new organIQ BIOPOWER product makes the conventional use of enzymes, stones and even chlorine unnecessary. In addition, the application of the products in the fine spray mist can considerably reduce water consumption.

The product range is currently being completed by organIQ NEUTRAL, an ecological alternative for neutralisation which can be used by any company. OrganIQ not only

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stands for innovative solutions, but also enables the "blue revolution" to jump out of environmentally critical finishing processes.

CHT Group – Smart Chemistry with Character

About the CHT Group

The CHT Group, a medium-sized global player and "hidden champion" for special chemicals is active worldwide in development, production and sales. CHT Germany GmbH in Tübingen is the headquarters of the company group.

The products improve the quality, the functionality and the performance of textiles, building materials, colours, coatings, paper and agricultural chemicals as well as cleaning and care products in the field of consumer goods industry. By bundling the strengths of the entire Group, innovative products, applications or processes are constantly being developed.

Highly qualified specialists work in top-equipped laboratories for development, analysis and application technology in order to work out ideas and solutions that meet the most modern requirements.

The CHT Group with its own production and sales locations is represented by more than 29 companies worldwide. In the financial year 2017, the CHT Group generated a group turnover of 440 million Euro with 2,200 employees.

For more information please visit us at www.cht.com

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