

TEXTILE
SOLUTIONS.

Textile
Care
Solutions.

CHT

SMART CHEMISTRY
WITH CHARACTER.

完美的床品羽绒和填充
材料整理

PERFECT FINISHING
OF BED FEATHERS AND
FILLING MATERIAL

因为了解，所以简单。

EASY WASHING WITH KNOW-HOW

DEHA – 世界市场的领军者

DEHA – WORLDWIDE MARKET LEADER

CHT的DEHA

CHT 集团为全球运营性公司，在50多年的发展过程中，我们为纺织品领域的客户提供卓越的高质量产品和服务。借助于我们在纺织品供应链的专业技术，使得我们可以通过DEHA 产品，解决床品羽绒羽毛的特殊问题。无论是散毛，全毛盖毯或常规羽绒床品清洗，或羊毛 细绒或丝织物...DEHA 产品质量始终是我们优先考虑问题。每一个 原料，每一个半成品或成品，都依据现有的法规，有严格质量控制要求。CHT 集团通过了多种控制体系的认证，包括ISO 9001(质量控制体系)，ISO14001 (环境控制体系)，现代职业安全与应急管理。人与环境问题是我们的产品研发开始就考虑的中心问题。

洗涤.清洁.护理.

以上为床品羽绒行业的三个基本处理。特殊的洗涤剂，抗静电整理，异味遮盖，免烫整理，柔软，芳香，白度提高，阻燃。CHT集团是足可以胜任的合作伙伴，采用温和的化学品对您珍贵的羽绒羽毛和合成填充产品进行完美处理。DEHA研发实验室在客户中有很高声誉,是通过全球贸易协会测试和认证的实验室。在我们的装备精良的实验室开发和测试床品羽绒羽毛产品。我们实验室提供的服务获得所有的客户的高度赞赏。在您生产中出现问题时，我们将永远帮助您提供解决方案。通过使用DEHA特殊产品,满足您对于羽绒羽毛和填充材料的卫生要求。

CHT 集团

公司于50多年前由Reinhold Beitlich创立。发展到今天，CHT已经成长为全球运营公司，研发和销售特殊化学品。有效的建议，创新的产品和以顾客为中心提供的服务，使得我们区别于同类公司，并成为客户可信赖的合作伙伴..CHT有自己的生产基地和销售网络，是一个遍布全球的独立公司。位于德国图宾根的CHT总部仍然是集团的中心。在德国总部，依然源源不断的产生新的想法，开发和生产化学品，优化工艺和使用方法。在这里，实验室的发展，分析和应用技术,配备先进的技术形成CHT集团的全球成功的基础。

DEHA by CHT

The CHT Group is a worldwide active company. For more than 50 years we have been supplying innovative and high quality products to our customers of the textile finishing industry. With our expert competence in the whole textile chain we are able to offer individual system solutions by means of our DEHA products also for unusual problems of bed feather finishing. No matter if there are loose feathers, complete down blankets or classical laundry of bed feathers, or laundry of blankets made of wool, fine hair or silk... quality is always the top priority for our special DEHA products. Every raw material, every intermediate or ready-made product is subject to a very strict quality control in compliance with the currently valid test standards. CHT maintains a certified, integrated management system consisting of ISO 9001 (quality management), ISO 14001 (environmental management) and a modern occupational safety and emergency management. People and the environment are at the centre of our product developments from the very beginning.

Washing.Cleaning.Care.

These are the three principles of our efforts for the bed feather industry. Special detergents, antistatic finishing, smell covering, easy care finishing, softeners, scents, products for the whiteness degree improvement, flame retardants. We are your competent and qualified partner with a gentle chemistry for the perfect treatment of your precious down, feathers and synthetic filling materials. The DEHA research and development laboratory has a high reputation among customers, trade associations and testing and certification laboratories worldwide. In our well-equipped laboratories we develop and test products for the bed feather industry. Our laboratory service is highly appreciated by all of our customers. Whenever problems arise in your production, we will always help you with solution proposals. With DEHA special products, we meet your requirements for hygienically processed down, feathers and filling materials.

The CHT Group

Founded in 1953 by Reinhold Beitlich more than 50 years ago, CHT is today a globally operating company that successfully develops and markets specialty chemicals. Competent advice, innovative products and an outstanding customer-oriented service distinguish us as a partner of the industry. CHT has its own production and sales locations and is represented worldwide by independent companies. Within the group of companies the headquarters in Tübingen is still of central importance. Here is the centre of competence where innovative ideas are developed and implemented in chemical products, applications or processes. Here, laboratories for development, analysis and application technology which are equipped with state-of-the-art technology form the basis for the worldwide success of the CHT Group.

我们的产品

OUR PRODUCTS

清洗

DEHACLIN 系列产品专为满足羽绒原和填充产品的需求而研发。不论是清洗杂质含量多的羽绒还是高脂含量的羽绒，不论是高温处理还是低温清洗，选择合适的DEHACLIN 产品即可满足您的需求。为了使羽绒和合成填充物产品获得所需的效果，我们推荐使用基于再生原材料的DEHACLEAN NATURAL 12。

抗静电

把羽毛采用RECONDIT进行抗静电处理，客户获得更高的羽绒产量和羽绒品质等级--这就是经济效益。采用RECONDIT CH，去除灰尘和羽绒集束现象，获得柔软手感。使用RECONDIT 674，可在纯度值保持不变,独立控制用量。

提高白度

如果客户对羽绒产品有更高的白度要求，DEHACLIN AF SUPRA 即使是在清洗浴中使用，也可以获得白色的羽毛。此外，DEHACLIN AF SUPRA可以增加DEHACLIN清洗液的清洗效果。DEHA BRILLANTVIOLETT READY 为上蓝剂，可无需稀释直接加入到工作浴中。在没有蒸汽漂白的工艺中，可使用 DEHA BRILLANTVIOLETT READY进行增白。

Detergents

Our DEHACLIN brands have been specially developed for feathers and filling material requirements. Whether for washing dusty Chinese goods or highly greasy feathers from stuffed animals or for hot or cold washing – the right DEHACLIN brand for optimal down development is available. For the right care of down and synthetic filling materials we offer our special detergent of DEHACLEAN NATURAL 12 which is based on renewable raw materials.

Antistatics

By treating feathers with RECONDIT antistatics a higher yield of down is obtained while sorting – that is cash. With RECONDIT CH, an additional dust and fibre-binding effect and a supple fabric handle are achieved. Using RECONDIT 674 the purity values remain the same, independent of the dosing quantities.

Improvement of the degree of whiteness

If your customers demand a high degree of whiteness on feathers, DEHACLIN AF SUPRA can make white feathers even whiter in the washing liquor. Furthermore DEHACLIN AF SUPRA supports the effect of the DEHACLIN detergents in the washing liquor. DEHA BRILLANTVIOLETT READY is a blueing agent that can be added directly to the bath without prior dilution. In procedures without steamer bleaching DEHA BRILLANTVIOLETT READY can be applied.



遮盖和去除异味

采用PEROCLIN产品,可以使用一种令人愉悦的味道遮盖即使彻底清洗也无法去除的气味。PEROCLIN FWG 401 可以无需稀释,直接加入到工作浴中。在羽绒羽毛制品中,本品赋予其类似于刚刚清洗过的清新味道。对于待销售的带有包装的毯子成品,通常会由于空气流通不畅产生一种霉味,这会影响到销售。通过使用MESENTEX 系列产品,会避免产生霉味。采用BEISOFT SH NEU,太空技术可以引入到床品用羽绒产品上。宇航员服装是采用银离子抗菌整理的产品,该技术也可以用作床品羽毛和填充材料抗菌上。BEISOFT SH NEU可加入工作液施加或通过喷涂工艺进行施加,采用银离子抗菌的优势是对人体无害。银电阻尚无数据。

免烫整理

采用我们的NOCAR 免烫整理,我司该技术位于市场领先水平。羽绒被或枕头可直接在高温下采用洗衣机进行洗涤。医院中甚至可用接近沸腾的温度进行洗涤。与未经NOCAR 整理的儿童被相比,整理后的儿童被在经过家庭洗涤后的干燥速度更快。采用NOCAR 处理的羽绒睡袋可用帮助您在户外甚至是极度恶劣天气条件下睡的更舒服。作为另外附加功能,NOCAR 整理后可以提高羽绒的填充性和抗异味性能。

柔软

易吸附灰尘,易打结,脱水时易形成蛋糕轮,采用DEHALAN 产品,可以轻易解决上述问题,同时赋予柔软的手感。与DEHALAN LWD 一起获得清新的气味。

芳香整理

在烘干时,采用DEHA DUFT SUN 整理,可获得令人愉悦的清新的味道。

阻燃整理

羽绒和羽毛本身不易被点燃,但是在散毛状态下与火源充分接触被点燃后就会完全燃烧。采用我们的阻燃整理剂DEHA FLAMMSCHUTZMITTEL BKW 可以为你在养老院,护理院,酒店和飞机上使用羽绒产品时多一份安全保障。

Covering and elimination of odour

With the PEROCLIN brands, odour which could not be removed even after thorough washing can be covered with a pleasant fragrance note. PEROCLIN FWG 401 can be added to the bath without being diluted. On feathers and down it provides a discreet fragrance note of fresh laundry. When ready-made blankets wrapped in protective films are waiting for the buyer, a musty smell is often produced due to a missing air circulation in the packaging, which can have a negative effect on the sales conversation. By application of a MESENTEX type such a development of bad odour can be prevented. With BEISOFT SH NEU, space technology is making its way into bed feathers. Clothing for astronauts is bacteriostatically finished with silver products; this can now also be done on bed feathers and filling materials. BEISOFT SH NEU can be applied by application in the bath or by spraying procedure on down, feathers and filling materials. The advantage of silver over other antimicrobial products is its harmlessness in terms of human toxicology. Resistances to silver are not known either.

Easy care finishing

With our NOCAR® easy care finishing, we have a leading position in the world. Down blankets and feather pillows can be washed in the washing machine even at high temperatures, hospital laundry even up to boiling temperature. Baby blankets dry faster after household laundry than without NOCAR® finishing. A sleeping bag filled with down treated with NOCAR® lets you sleep well in nature even under extreme weather conditions. As a small side effect, the NOCAR® treatment gives the down a better filling power and has an odour-repellent effect.

Softeners

Binding of dust and fibres, easier removal of the spinner cake in the centrifuge, our DEHALAN brands are problem solvers and additionally give a pleasantly supple handle, and with DEHALAN HWD additionally a discreet fragrance.

Fragrances

With DEHA DUFT SUN you supply additionally purchased feathers with a pleasant and fresh scent in the steamer.

Flame retardants

Feathers and down do not ignite easily, but they burn completely with a flame in loose condition and the ignition source acts on them for a sufficiently long time. With our flame-retardant DEHA FLAMMSCHUTZMITTEL BKW you get more safety in nursing homes and retirement homes, in hotels or on cushions in airplanes.

我们的实力

OUR COMPETENCE

客户服务

如果您不确定如何清洗羽毛来获得最好的起绒效果和填充能力。没有问题，只需您提供需要处理的羽毛样品，我们会安排专业的实验室实验。我们使用与大试阶段同等比例的处理设备，因此可获得与大试时同样的处理效果。我们会跟踪清洗工艺，满足您的需求。无论是要求较高的白度，还是需要特殊的处理，如免烫或阻燃处理；无论是需要在羽毛上施加芳香剂，还是去除异味；无论是抗菌处理，还是抗静电处理，我们会在实验室优选合适的产品，满足您的需要。最终您会收到我们的书面推荐配方和处理过的羽毛样品供您评估。客户的要求，技术可行性和经济性始终是我们工作时始终需要考虑的内容。

质量控制

如果您对自己清洗过的羽绒羽毛是否能够被您的客户所接受不确定。您只需将您清洗过的羽绒羽毛提供给我们，我们会在专业的羽绒羽毛实验室进行指标测试。我们会测试残留的油脂含量，氧值和透明度。您将会受到我们的书面结果报告。同时，我们也可以在实验室进行填充性测试。此外，诸如灰分含量测试，pH值测试和残留双氧水含量，以及羽绒损伤程度的测试亦可在我们专业实验室进行测试。

产品研发

除了客户服务和质量控制，针对羽绒羽毛新产品的研发始终是我们实验室的中心工作。新的产品经常会由CHT集团的多个实验室合作研发。这是CHT集团羽绒羽毛部门的最大优势。通过深入的调查和研发，做预见性的解决方案。因此，我们总是会快人一步，这有利于我们获得长期吸引力，与客户维持持久的伙伴关系。

Customer service

You are not sure how to wash new raw feathers to achieve the optimal down development and filling power? No problem, you give us a sample of your raw feathers, we wash it in our laboratory. We use the same small-format machine as you do on a large scale, so that the results are easily reproducible. When preparing the washing formulation, we follow your washing process and your wishes. Whether a high degree of whiteness is required or a special treatment such as easy care or flame-retardant finishing, whether fragrances should be applied to the feather, whether a treatment against odour is indicated or whether an antistatic treatment of the feather is desirable, we apply the corresponding products on a laboratory scale. You will receive a written treatment proposal and a sample of the treated feathers for your own assessment. Our customers needs, their technical and economic requirements are in the focus of our work.

Quality control

You are not sure whether the feathers you have washed are accepted by your customer? Send us a sample of your washed feathers or down, we test them in our bed feather laboratory. These can be purity values such as residual fat content, oxygen number and transparency. You will receive the result in writing from us. Of course, we can determine the filling power of the down. We will also be pleased to carry out an examination of the dust composition, a determination of the pH value or an examination for residues of hydrogen peroxide or for feather damage in our laboratory.

Product development

In addition to customer service and quality control, the new and further development of our product range is the central task of our bed feather laboratory. New products are often developed in several laboratories of the CHT Group. This is an important advantage for the bed feather finishing with CHT products. We are already working on tomorrow's solutions through dynamic research and development. Thus, we are always one step ahead, which is our aim in order to remain an attractive partner for you.

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