

Dyes & Chemicals

Wash resistant dust mite protection is available for bedding and home textiles through Sanitized® Silver technology

A new pioneering achievement for the SANITIZED AG laboratories, the world-leading Swiss specialists for antimicrobial treatment. After further developing its proven Sanitized® T 25-25 Silver product, the first Silver product with wash-resistant dust mite protection has been launched.

New areas of application have opened up through this effect, in particular in the market sector for bedding and home textiles, much to the delight of those with allergies. A patent application has been filed for this product and its unique technology.

Silver, whose natural antibacterial effectiveness has been known since antiquity, provides the basis for a newly developed product Sanitized® T 25-25 Silver. Through continual research and development work, Sanitized® is now able to expand the protective function of its successful silver products to dust mites.

The result is permanent protection against bacteria, including MRSA, as well as dust mites which can cause allergic reactions. By integrating this effect into the fibers, the resulting freshness is permanent and wash-resistant.

"With this world product advance, SANITIZED AG fulfills a growing need in the market for natural and lasting freshness in bedding," explained marketing head Urs Stalder about the product inno-

vation for which a patent application has already been filed.

Sanitized® Silver, which is already used in sportswear, also meets the "best available technology" standard in bedding and home textiles as well as demonstrates a high level of reliability.

Sanitized® Silver is neither nanotechnology nor nano-silver. It is very gentle to the skin and provides a high degree of safety for people and the environment during the treatment process as well as in use. This is underscored by the Oeko-Tex 100 (classes I to IV) and "bluesign approved" testing certificates.

Sanitized® T 25-25 Silver can be integrated into the cloth or applied as a solution. Since the product can also be applied without a binding agent, it is suitable for delicate textiles because neither the feel nor the softness are affected.

End users recognize products treated with Sanitized® through the Sanitized® quality seal. This new product is available through Clariant, our distribution partner of many years.

Further information on Sanitized® Silver can be found at:
<http://www.sanitized.com/en/trade-mark-products/active-ingredients/silver-for-textiles.html>.

Clariant acquires XL Performance Chemicals

Switzerland-based specialty chemicals provider Clariant has acquired XL Performance Chemicals - a manufacturer and supplier of defoamers, antifoams, silicone fluids and emulsions, esters and surfactants - from Dalton, Ga.-based Fibro Chem LLC and its affiliates. The acquisition follows Clariant's recent commencement of an exclusive strategic alliance to serve the \$2-billion-plus global foam-control market.

Foam-control products, defoamers and anti-foam agents remove or manage trapped air, bubbles and foam that can cause manufacturing, process and performance problems in end-products.

XL Performance Chemicals has developed more than 100 foam-control products in markets served globally by Clariant, including textiles, metal-working, paints and coatings, mining, oil services, crop protection, construction and paper.

"At some point in virtually every manufacturing process - our own included - foam is created," said Hugh Fowler, North American head of Functional Chemicals, Clariant. "Eliminating this foam or bubbles from such products as paints or cements is essential for these products to perform optimally as designed."

With the addition of the XL D-Foam-RTM products to our own extensive range, we can offer our customers an even better comprehensive end-to-end service-oriented solution to their foam-control challenges."

Clariant will manufacture the defoaming products at a Greenville-based plant that operates under a toll agreement. As the business grows, the company may transfer production to its own plants located worldwide.

The Dow ECOSURF™ EH Specialty Surfactants

The Dow Polyglycols and Surfactants Business is introducing a new piece of literature to complement the recent introduction of the ECOSURF™ EH surfactants. The new brochure is available without any change. ECOSURF™ EH surfactants are a new line of specialty surfactants designed to help customers meet rising expectations for performance and convenience while complying with more stringent environmental expectations and safety regulations. These new patent protected, non-ionic surfactants provide superior performance benefits in many formulations over alkylphenol ethoxylates (NPEs and OPEs) and/or fatty alcohol ethoxylates (PAEs) as well as other, commercially available alternative surfactant chemistries.



These advantages are particularly evident in applications such as hard surface cleaning, textile processing, paints and coatings and agrochemicals where excellent wetting is a determining property in surfactant use. ECOSURF™ EH Specialty Surfactants are biodegradable, designed to improve cleaning performance and provide greater formulation flexibility while also meeting emerging environmental requirements. These new surfactants provide benefits for a wide variety of hard surface cleaning applications, including kitchen cleaners, oven cleaners, bathroom cleaners, and all-purpose and multi-purpose cleaners.

To receive a new brochure, contact the Dow Customer Information Group at dowcig@dow.com or 1-989-832-1560.

Huntsman Textile Effects presenting ERIONAL® FRN – fixing agent

Huntsman Textile Effects announces the launch of ERIONAL® FRN, a new fixing agent designed for trouble-free production with process time, higher quality fabrics, and brighter shades with better reproducibility. Huntsman has a long experience in innovation in fixing agents and with ERIONAL® FRN, presented an extremely stable and more economical new product for improving the wet fastness properties of dyed polyamide, wool and all their blends.

ERIONAL® FRN is ideal for achieving brighter shades and trouble free produc-

tion of higher quality fabrics making its use more economical thanks to better reproducibility and less re-working.

With its high stability under acid conditions, ERIONAL® FRN fulfils one of the most important parameters for fixing agents for PA leading to considerable savings of time and money. Additionally, ERIONAL® FRN shows excellent post setting stability, levelling effect on blends and enhanced wet fastness without impairing light fastness allowing users to achieve top brands and retailer requirements.



Huntsman presented innovative technology at sustainable solutions summit sponsored by Cotton Incorporated

Huntsman Textile Effects presented innovative technologies focused on sustainability in textile processing at Sustainable Solutions Summit in Hong Kong sponsored by Cotton Incorporated and Cotton Council International during May 19-20, 2009.

Sustainability is one of the core philosophies which drives the innovation process at Huntsman. They achieved this by not only developing innovative products that have a lower environmental impact, but also by finding smart processes that support our customers and the environment through substantially reducing and optimizing the use of natural resources.

Huntsman Textile Effects' goal is to use their competence and application know-how to help their customers drive down their process costs and optimize their product quality. Living Sustainability in Action: Gentle Power Bleach™, a novel bleaching system with breakthrough enzyme innovation, exemplifies Huntsman's commitment to sustainability.

This innovative new technology for pretreatment of textiles, particularly cottons, has arisen out of collaboration between Huntsman and Genencor.

This outstanding new system allowed low temperature bleaching of textiles at a neutral pH range and excels in its ability to process all fibers in a more sustain-

able way whilst delivering textile goods with an enhanced quality.

Most of all, it adheres to their rigid standards of sustainability in that it leads to considerable savings in energy, water and waste water treatment.

Lode Vermeersch, Head of Project Management Pre-Treatment presented the attendees with a deeper insight into the sustainable advantages of wet processing with Gentle Power Bleach. Additionally, Martin Szeto, Global Business Development Director highlighted sustainability and the issues associated with it in the textile industry and how best available technology can significantly contribute to sustainability.

Genencor, a division of Danisco A/S, is a world leader in industrial biotechnology and a pioneer in enzyme innovation. Genencor improves process and product performance for a spectrum of industries, from biofuels and laundry detergents to textile processing, animal nutrition and food.

As part of a large global organization, Genencor has a manufacturing and distribution network that spans more than 40 countries. In collaboration with customers, technology leaders and other stakeholders, Genencor supplies competitive, biobased solutions. These innovations create value throughout the supply chain, from raw material to finished product.

AVM Chemical Industries launched a new product AVWASH - NBS, garment washing for denim

AVM Chemical Industries technical expertise and highly qualified continuously researched and developed to manufacture a product of garment washing for denim to global quality in the economical price.

AVM Chemicals Industries now announces its new product AVWASH – NBS, anti-back staining effect on Denim, which reports reduced cost of chemical, energy and achieve global quality result:

- ❖ The back-staining in Denim is successfully avoided on the white weft yarn.
- ❖ Excellent dispersing capacity together with a excellent soil suspending.
- ❖ Excellent dispersing and indigo anti back staining.
- ❖ Smoothness of the fiber surface.
- ❖ Reduction in cost of chemicals.
- ❖ Lower energy costs.
- ❖ Desirable handle.

According to the Technical Director of the AVM Chemical Industries - this product is ultimate solution of garments washing for denim.

DyStar acquires Rhodia's sodium amide business

DyStar, the reliable partner for products and solutions for the textile and chemical industry, acquired the sodium amide business of the Rhodia Group (France) in February 2009, which principally comprises sodium amide formulating technology and the customer base.

The formulation of sodium amide is to be relocated from Rhodia's production location in Norwich, UK, to DyStar's site in Ludwigshafen, Germany, where production is scheduled to start at the end of the 1st quarter 2010.

DyStar has a significant chemical production footprint around the world and will continue to strengthen its technological capacity to offer customers best-in-class service.

This transaction underscores DyStar's extensive competence in complex chemical synthesis, formulating and product technologies. ♦