



PRODUCT RANGE

LE FABRICANT DE PRODUITS
AUXILIAIRES TEXTILES



PRODUCTS

- 6 RESIN AUXILIARIES**
Easy Care Resins A range of high purity glyoxal resins with high reactivity.
- 8 PRETREATMENT AUXILIARIES**
Biotex has a long history in the field of pre-treatment of textiles.
- 10 DYEING / WASHING AUXILIARIES**
Biotex offer a complete range of auxiliaries for efficient and economical dyeing processes.
- 12 SILICONE SOFTENER PRODUCTS**
A wide range of oils, polymers and emulsions.
- 14 FLUORCARBON PRODUCTS**
High quality range of C6 fluoro-polymers for oil and water repellency treatments.
- 16 FLUORINE-FREE WATER REPELLENCY – ZERO FLOURO + ZERO PFOA**
Outdoor and sportswear textiles must meet particular climatic and functional demands.
- 18 FLAME RETARDANT**
Our flame-retardant technologies are changing the world of coatings.
- 20 BIOPRINT – NEW PRODUCTS**
new product development Bioprint RDT and Bioprint RDTECO to substitute Alginates
- 22 COLOUR INTENSIFYING EFFECTS**
Jet Black S imparts excellent deep color effect for all fabric.

INFORMATION

- 4 ABOUT BIOTEX**
- 24 SNF FLOERGER PARTNERSHIP**
- 26 DYEING SOLUTIONS**
- 28 PRODUCTS RANGE & RAW MATERIALS**
- 30 OUR STRATEGIC PARTNERS**
- 31 IMPRINT**



BIOTEX – TEXTILE AUXILIARIES

Products for every process and products for making textile auxiliaries better



BIOTEX WAS ESTABLISHED in 2002 in Malaysia to manufacture innovative specialty chemicals, using a French technology, and to service the textile processing mills as well as textile auxiliaries formulators and distributors.

BIOTEX MANUFACTURING facilities are strategically located at an industrial hub

in Selangor, Malaysia and boast modern, state-of-the-art equipment that cater, to meet every standard the global chemical industry requires.

BIOTEX MANUFACTURE a wide range of world-class specialty chemicals for pre-treatment to finishing out of which the highlights are several efficient, environmental

friendly surfactants, DMDHEU and formaldehyde free resins, silicone polymers and emulsions, fluorocarbons emulsions (C6 and C8 chemistry), blocked iso-cyanates.

» *LE FABRICANT
DE PRODUITS
AUXILIAIRES TEXTILES*

BIOTEX – ABOUT US

Biotex technology plays a key role throughout the entire textile supply chain.

INNOVATION STARTS WITH one great idea. Whether its providing intelligent effects such as built-in freshness, protection, or state-of-the-art dyes, which reduce water and energy consumption, Biotex has been delivering textiles innovation to make life that more enriching in people's lives.

AS THE LEADING ASIAN PROVIDER of high quality chemicals to the textile and related industries, innovation, sustainability, and collaboration are at the heart of what Biotex does.

AT BIOTEX, WE MAKE TEXTILES COME ALIVE.

Apparel:	Casual Wear, Formal Wear, Active Wear
Home and Institutional:	Home & Institutional, Upholstery, Carpet
Technicals:	Functional Fabrics, Transportation, Technical Fabrics



FACTS

- Asia's top textile chemicals manufacturer
- Selling into more than 40 countries
- Serving over 300 direct and indirect customers worldwide
- Operations and Partners in 15+ countries
- Releasing an average of 25 new products a year
- Active patent rights

RESIN AUXILIARIES

Easy Care Resins A range of high purity glyoxal resins with high reactivity, from zero to medium free formaldehyde contents. Based on modified DHDMEU.

Durapret MF	Methylated melamine formadehyde resin. High concentration.
Durapret LF Conc	Methylated glyoxal resins for easy care and wrinkle free finishes. Free HCOH < 75ppm.
Durapret LF Plus	Methylated glyoxal resin, pre-catalysed for easy care and wrinkle free finishes. Free HCOH < 75ppm.
Durapret ZF	Free formaldehyde methylated glyoxal resin for easy care and wrinkle free finishes.
Durapret ZF Plus	Free formaldehyde methylated glyoxal resin, pre-catalysed, for easy care and wrinkle free finishes.
Durapret ZFLC Plus	Free formaldehyde methylated glyoxal resin, pre-catalysed. Cures at low temperature. For easy care and wrinkle free finishes.
Durapret LCT	Methylated glyoxal resin. Medium free formaldehyde levels. Cures at low temperature. For easy care and wrinkle free finishes.
Durapret 100 Special	Methylated glyoxal resin, low formaldehyde, for »flash« curing finishes.
Durapret NF Jeans	Special acrylic resin, free of formaldehyde for finishing of jeans.



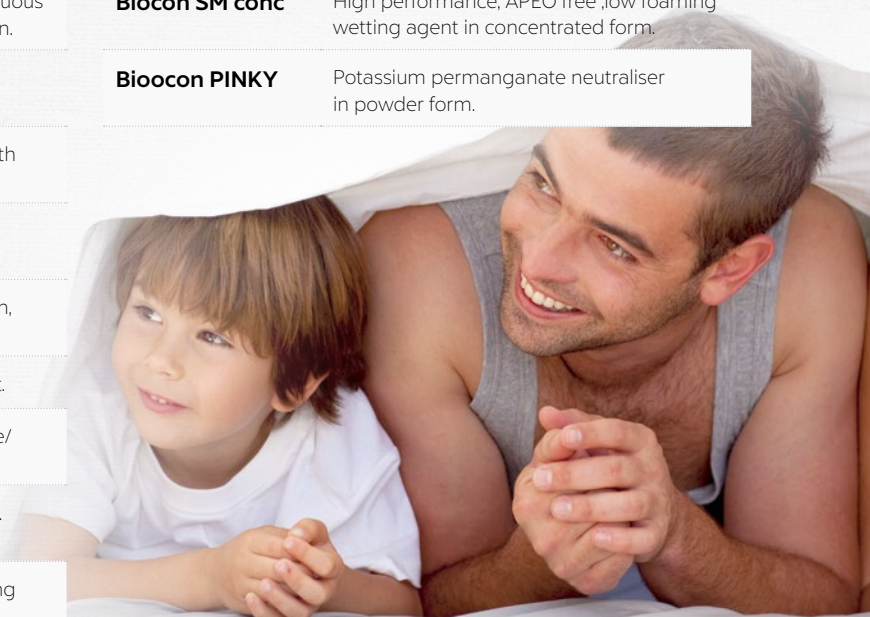
PRETREATMENT AUXILIARIES

Biotex has a long history in the field of pre-treatment of textiles.
A versatile range of wetting agents, detergents, emulsifiers, sequestering and
dispersing emulsions for optimal scouring & bleaching results.

Optimal
preparation
is
everything

Biozym T	Thermostable high concentration amylase for the desizing of starch.
Biozym MTM	Thermostable high concentration amylase in combination with a special wetting agent for the desizing of starch.
Bioterger ST	Versatile wetting and scouring agent for all fibers. Can be used in continuous and exhaust. Anionic, terpenic base.
Biowet KK	Powerfull wetting agent for both continuous and exhaust. Anionic, high concentration.
Bioterger PC	Special detergent for pre-treatment of blends with elasthane. Non ionic.
Bioterger 10X	High power detergent, low foam for both exhaust and continuous.
Mercerizer 1802	Wetting agent for mercerizing and caustification. Anionic.
Bioterger DS	Rapid wetting agent, high concentration, low foam, alkali stable.
Bioquest 540	Sequestering and demineralizing agent.
Bioquest SA	Copolymer sequestering agent. acrylate/ maleate.
Bioquest SY 45	High concentration sequestering agent. acrylate.
Stabilon PP	Inorganic stabilise for peroxide bleaching of cotton and blends.

BioBleach	Peroxide activator to allow peroxide bleaching at lower temperature.
Biozym PK	Catalase for removal of peroxide residues after bleaching.
Biocon WR	High performance catalyst for weight reduction of polyester.
Biocid ECO	Acid buffer and neutralizer.
Biocon SM conc	High performance, APEO free ,low foaming wetting agent in concentrated form.
Biocon PINKY	Potassium permanganate neutraliser in powder form.



DYEING WASHING AUXILIARIES

**Biotex offer a complete range of auxiliaries
for efficient and economical dyeing processes.
Help customers reach highest quality
and safety standards.**



—
We bring
colour
to your
life
—

Bioquest SY 45	Neutral pH, high molecular weight polymer to enhance levelling of cotton dyeings with reactive and vat dyes.	Bioquest SY 45	High molecular weight sodium polyacrylate for reactive and direct soaping off.
Defoamer S	Highly stable silicone based defoamer.	Bioquest SNA	High molecular weight copolymer for reactive and direct soaping off.
Defoamer NS	Non silicone defoamer.	Antiback CS-100	Antibackstaining for Jeans. Polymers and surfactants.
Leveler PES Conc	Levelling and Dispersing agent, high concentration , for dyeing of polyester at high temperature.	Antiback 200	Very strong antibackstaining for reactive and direct soaping off. Polymer based.
Leveler SMK	Leveling agent for dyeing of polyamide with acids and 1:2 metal complex dyestuffs.	Antiback MED	Anti-back staining agent in all process of denim and garment in powder form.
Leveler CLA	Leveling agent for dyeing of acrylic fibers with cationic dyes.	Bioterger QAC	Peroxide accelerator. Induces a »vintage« look on jeans. Also allows to remove stains after cellulose stonewash cycle.
Biocol 2G	High class lubricant and antcrease for sensitive fabrics. Esters derivatives.	Bioterger HE	Reducing agent to remove manganese dioxide discharges.
Biolube PP	Concentrate lubricant/antcrease in powder form.	Biofix CAT	Cationizing agent for pigment dyeing.
Lubricon AC Conc	Polymer based antcrease. Economical.	Biozym ESA	Special enzyme for reactive dyes soaping off.
Suprafix FRE Conc	Polyamine based fixing agent for reactive and direct dyes. High concentration.	Biozym ACP	Acid cellulase for biopolishing.
Biofix NFE Conc	Concentrated High performance non formaldehyde fixing agent.	Biozym NED	Neutral cellulose for biopolishing.
Biofix PBC Conc	Concentrated formaldehyde base fixing agent for cotton.	Biolub RF3	Lubricant for yarn.
Bioreduct	Sulfinic acid for polyester R/C and machine cleaning.	Bioterger MC Conc.	Special detergent for machine cleaning. Is able to »de-cationize« the machinery hence remove pigment stains and dirt.

SILICONE SOFTENER PRODUCTS

A wide range of oils, polymers and emulsions.
Reactive and Non reactive specialty
silicones for all applications.

—
Extra handle
and soft
touch that
you feel
—

Biosoft 09	Amino silicone oil. Amine number 0.6.
Biosoft 20	Modified amino silicone oil. amine number 0.2-0.3. Emulsions provides a low yellowing, hydrophilic and soft handfeel.
Biogal H	Handfeel modifier, PU based.
Biosil Hydro NT	Modified reactive silicone oil. Emulsions provide a »high class« handfeel, very silky, soft, very hydrophilic. Low yellowing. Jet and pH stable.
Silsoft NS	Hydrophilic silicone micro-emulsion.
Silsoft JN18	Silicone micro-emulsion. Provides a super soft finish on garments.
Silsoft SH88	Highly hydrophilic silicone quat. jet and pH stable.
Biosol AMC	Epoxy silicone. Jet stable, pH stable. »dry touch«, highly hydrophilic. Compatible with optical brighteners during padding.
Biosil X1000	Sewing thread lubricant, silicone base.
Biosoft PS400	High molecular weight polyethylene emulsion. Preserve fabric strength during glyoxal resin finishes.
Biosoft OET	Esters base cationic softener. Very soft and full handfeel. Good hydrophilicity, low yellowing.
Biosoft NI	Esters base Non-ionic softener. Soft and low yellowing.
Biosoft CS	Cationic softener for soft and »bulky« handfeel.
Biosoft SM	Special silicon semi-macro-emulsion which gives an unique soft hand.

FLUOROCARBON PRODUCTS

High quality range of C6 fluoro-polymers for oil and water repellency treatments. Biotex is leader in technical innovations thanks to our BIOGUARD Brand - PFOA FREE

Bioguard X445	Fluorocarbon emulsion for water repellency on synthetics and blends. High concentration.
Bioguard 400S	Fluorocarbon emulsion for water and oil repellency on synthetics and blends. Durable.
Bioguard 581X	Fluorocarbon emulsion for water and oil repellency. Excellent on 100% cotton. High concentration.
Bioguard C642	Economical but highly efficient product for durable oil- and water repellent finishes PFOA FREE.
Bioguard C6 RA PLUS	Finishing product for extremely durable water- and oil repellent finishing for all fabrics PFOA FREE.
Bioguard SR	Fluorocarbon emulsion for soil release treatment on all fibers.
Biocat FC	Blocked iso-cyanate. Excellent crosslinking power.
BioBoost 1000	Highly concentrated Blocked Iso-cyanate. Excellent crosslinking power.



FLUORINE-FREE WATER REPELLENCY

ZERO FLOURO + ZERO PFOA

Outdoor and sportswear textiles must meet particular climatic and functional demands. Textiles finished with our Bioguard fluorine-free alternative also show very good repellency and are simultaneously completely environmentally friend.

Environmentally
friendly
functional
textiles

Bioguard ZERO CP

Water repellency Fluorine-free and formaldehyde free strong durability.

Bioguard ZERO CF

Water repellency Fluorine-free and formaldehyde free extrem strong durability.



FLAME RETARDANT

Our flame-retardant technologies are changing the world of coatings. Our Biotex research and development teams can work out and advise on solutions that really help to match target standards.

—
match
target
standards
—

Flamguard FMB	Semi-durable FR for cotton.
Flamguard UCR	Semi-durable FR for polyester.
Flamguard PE	Durable FR for polyester.
Flamguard CP	Durable Flame retardant for cotton effectiveness can be retained after 30 washes.
Flamguard CT	Durable Flame retardant for polyester impart a finish that is durable to washing and dry-cleaning.



BIOPRINT NEW PRODUCTS

new product development Bioprint RDT and
Bioprint RDTECO to substitute Alginates

Bioprint RDT Excellent softness, fastness and brilli-
ancy. Dosage is 3.50%, also good for
viscose fabric.

Bioprint RDTECO Economical RDT. Dosage is 3.50%
but not suitable for viscose fabric.

Biofix CL-DU Economical melamine based fixing
agent for pigment printing.

Biofix CLP New Concentrated melamine based
fixing agent for pigment printing.

Biofix CLMAG Low Formaldehyde melamine based
fixing agent for pigment printing.



—
Our
Black
is
beautiful
—



COLOUR INTENSIFYING EFFECTS

+ ULTRA SOFT FINISHES

Jet Black S is the special reactant type finishing agents
and imparts excellent deep color effect for all fabric

- » Jet Black S gives **deep color effect for fabric**. Especially for heavy shade (Black) the excellent deep color-effect is obtained.
- » The color depth increase on original fabric.
- » After finishing, less lowering the fastness to rubbing, washing or light.
- » Can be also applied on Wet-on-Wet fabric, shortens the process of drying before applying the color bloomer process.
- » Compatible with our silicone Biosoft NNN27 and can be used in single step process.



SNF FLOERGER PARTNERSHIP

In addition to our own strong products
we have entered a partnership
with SNF Floerger France.



—
Meet world's
**preeminent
producer of
water-soluble
polymers**
—

A **WIDE OF SPECIALTY** products thanks to our strategic partnership with the world leader SNF Floerger. Local Stock and Local Technical Support in Malaysia

- » Watertreatment
- » Oil & Gas
- » Paper Mining
- » Agriculture
- » Textile
- » Cosmetics

More information
www.snf-group.com





DYEING SOLUTIONS

Since 2015 we are able to offer a selection of reactive dyes to serve the purpose to support competitiveness and quality of our customers

Biofix P

For printing application.

Biofix VM

Indicate for light to medium shades.

Biozol CE

Solution for deep and very deep shades

To download all Color Shades please visit
www.biotex-malaysia.com



BIOTEX PRODUCTS FOR EVERY PROCESS

We have a wide range of speciality polymers, non-ionic, cationic and amphoteric as well as surfactants for use in the formulation of textile chemicals.

OUR RAW MATERIALS

Your right BioTex product

BIOTEX RAW MATERIALS can be used in all sectors of the textile industry. We are aware of the fact that every formulator has its own techniques and ideas for the development of textile auxiliaries. Besides the high quality of our high end product portfolio, BIOTEX actively offers technical support concerning the application properties of our raw materials and formulation recommendation. Please do not hesitate to contact us directly.

Please use the link to our technical people:
btlab@biotex.com.my

WE HAVE A WIDE RANGE of speciality polymers, non-ionic, cationic and amphoteric as well as surfactants for use in the formulation of textile chemicals. For many decades formulators have trusted our innovations and use them successfully as main ingredients and formulation aids for many textile auxiliaries.

OUR PRODUCT PORTFOLIO covers a broad application range in diverse textile operations. These products may be used wherever softness, lubricity, static control, spreading, emulsification, wetting, water repellency, corrosion inhibition, levelling, foaming or defoaming performance is needed.

BIOTEX – STRATEGIC PARTNERS

Reliable Partners for intelligent chemistry

BIOTEX IS ACTIVE on a global stage thanks to partnerships with reputable companies: as a distributor of SNF Floerger for high quality acrylates based specialties.

As a supplier of selected textile auxiliaries to multinationals such as Dystar, Rudolf Chemie, Toray, Avco.

BIOTEX LABELS





LE FABRICANT
DE PRODUITS
AUXILIAIRES TEXTILES

BT BIOTEX SDN BHD
BIOTEX MALAYSIA CHEMICALS

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