



Biogen
Oxy Chemicals



Working
Together....



About Biogen Oxy Chemicals



**Biogen
Oxy Chemicals**

is a manufacturer of textile specialized chemicals in the Tumkur city situated near the Manchester of South India, Coimbatore. Its mission is to work with environment-friendly innovation around the world and search for the best technologies and to give technically superior products to the industry. Having an excellent technical background team, it aims to establish a chain of relationship with every customer. It is associated with international players to bring our optimum range of eco products and concepts like Bio organic systems. BiogenOxy chemicals is committed in "working together" for the customers and will be a dedicated participant in fulfilling the customer's need.

Biogen Oxy Chemicals follows environmental parameters and is steadfast to adopt the environmental requirements stage by stage and also staunch to produce environmental friendly products.

Concept of Biogen Oxy Chemicals

- To meet the international norms by using bio technology and Organic technology chemistries to deliver optimum strength products.

Sustainability

World is moving ahead with reliability & sustainability and the manufacturers are adopting the superior chemistries by introducing new concepts to preserve our nature. Biogen Oxychemicals is committed to work with every products to meet and maintain its norms.



Product names and Purposes

Desize Enzymes	Purpose	Recipe	Applications	Tonic Nature
BOGEX STARCH BUSTER L	Low to medium temperature stable desize enzyme	4 to 6 ml for Picking (0.04% to 0.06% for Exhaust)	Tery & Woven - DP	NA
BOGEX STARCH BUSTER L-COVID	Low to medium temperature stable desize enzyme	3 to 5 ml for Picking (0.03% to 0.05% for Exhaust)	Tery & Woven - DP	NA
BOGEX STARCH BUSTER HF	high temperature stable desize enzyme	4 to 6 ml for Picking (0.04% to 0.06% for Exhaust)	Woven - Soaping/Outdyeing for C&B Jigger	NA
BOGEX STARCH BUSTER HF-COVID	High temperature stable desize enzyme	3 to 5 ml for Picking (0.03% to 0.05% for Exhaust)	Woven - Soaping/Outdyeing for C&B Jigger	NA

Enzyme Scouring

BOGEX RES-SCOUR	Metal salt-scouring agent for medium to dark shades	0.005% to 1.00% for Exhaust (pH 10.0 to 11.0 and Temp 20' c to 35' c)	Package Dyeing/Catdyes/Dye	NA
-----------------	---	---	----------------------------	----

Pretreatments

BOGEX WITTELS DP	Economical fatty acid based lubricant for Cotton /Wool/acrylic/polyamide and all water ends	0.5 ml/ltr to 2 ml/ltr	Dyeing, Washing & Softening. Applicable for Dye bath and Pre-treatment	Non-toxic
BOGEX WITTELS DP-COVID	Concentrated fatty acid based lubricant for Cotton /Wool/acrylic/polyamide and polyester ends	0.25 ml/ltr to 1.0 ml/ltr	Dyeing, Washing & Softening. Applicable for Dye bath and Pre-treatment	Non-toxic
BOGEX WITTELS DP-CT	Economical Wetting Agent & Scouring agent	0.5 ml/ltr to 2 ml/ltr	Dyeing, Washing & Softening	Non-toxic

Product names and Purposes

Biofinishing Enzymes	Purpose	Recipe	Applications	Ionic Nature
BIODEN FIBROSOFT AC	Concentrated low pH perform Enzyme for Biofinishing	0.50% to 1.00% on WOF @ 60 to 70 cts	Garment Washing & Soft flow	NA
BIODEN FIBROSOFT AC CONC	High Concentrated low pH perform Enzyme for Biofinishing	0.50% to 1.00% on WOF @ 60 to 70 cts	Garment Washing & Soft flow	NA
BIODEN FIBROSOFT NCU	Concentrated Neutral Enzyme - Performs well @ 40 to 70° c and 5 to 8 pH	1.00% to 2.00% on WOF @ 60 to 100 mts	Dye bath/Garment washing/ full whites - suitable for all type of machines.	NA
BIODEN FIBROSOFT NCU CONC	High Concentrated Neutral Enzyme - Performs well @ 40 to 70° c and 5 to 8 pH	1.00% to 2.00% on WOF @ 60 to 100 mts	Dye bath/Garment washing/ full whites - suitable for all type of machines.	NA

Bio Catalase Enzyme:

BIODEN DIOXIDAT	Multi temperature and multi pH stable Enzyme killer. (Process and user friendly)	0.5 to 0.75ml/ltr - 10 to 15 minutes @ 40 to 70° c and pH 3-9	Suitable for Acid Bath & Dye bath	NA
BIODEN DIOXIDAT CONC	Concentrated multi temperature & multi pH stable Enzyme killer. (Process and user friendly)	0.25 to 0.5ml/ltr - 10 to 15 minutes @ 40 to 70° c & pH 3-9	Suitable for Acid Bath & Dye bath	NA
BIODEN DIOXIDAT H CONC	High Concentrated multi temperature and multi pH stable Enzyme killer. (Process and user friendly)	0.25 to 0.5ml/ltr - 10 to 15 minutes @ 40 to 70° c & pH 3-9	Suitable for Acid Bath & Dye bath.	NA

Product names and Purposes

Finishing	Purpose	Recipe	Applications	Ionic Nature
MOGON MELLOW RICH	Concentrated Anti Oxidants & Resist to greyish yellowing softener. Suitable for dyed & full whites.	1 to 3% of WOF & 40 to 80 gal by padding	Woven & Knits - Suitable for full whites, Dyed and Man made fibres.	Non yellowing-Cationic
MOGON MELLOW SUPER HC	High Concentrated Non yellowing cationic softener	1 to 3% of WOF & 40 to 80 gal by padding	Woven & Knits - Suitable for full whites, Dyed and Man made fibres.	Non yellowing-Cationic
MOGON MELLOW SILIC	Non yellowing silicone cationic unique product-suitable for exhaust	0.5 to 3% of WOF & 40 to 80 gal by padding	Woven & Knits - Suitable for full whites, Dyed & Man made fibres.	Non yellowing-Cationic
MOGON MELLOW SILIC CONC	Concentrated nonyellowing silicone cationic-unique product - suitable for exhaust applications & full whites	0.5 to 3% of WOF & 20 to 60 gal by padding	Woven & Knits - Suitable for full whites, Dyed & Man made fibres.	Non yellowing-Cationic
MOGON MELLOW POWER	Non yellowing silicone - unique product for full whites and dyed	20 to 50 gal by padding	Woven & Knits - Garment washing, Pad finishing ranges. Suitable for 100% cotton full whites, Dyed Man made fibres.	Non toxic
MOGON MELLOW POWER CONC	Non yellowing silicone-unique product for full whites and dyed	10 to 40 gal by padding	Woven & Knits - Garment washing, Pad finishing ranges. Suitable for 100% cotton full whites, Dyed Man made fibres.	Non toxic

Product names and Purposes

Finishing	Purpose:	Recipe:	Applications:	Ionic Nature
BOGOL MELLOW TOUCH	Economical silicone softener	20 to 50 (g) by padding	Woven & Knits - Garment washing, Pad finishing ranges. Suitable for 100% cotton for Dyed and Non-made fibres.	Non-ionic
BOGOL MELLOW TOUCH CONC	Concentrated silicone softener	10 to 40 (g) by padding	Woven & Knits - Garment washing, Pad finishing ranges. Suitable for 100% cotton for Dyed and Non-made fibres.	Non-ionic

Hydrophilic Finishing

BOGOL MELLOW PHILIC	Hydrophilic - clear stable silicone softener	1 to 3% of WOF by Exhaust 5-40 to 60 (g) by padding	Woven & Knits - Garment washing, Pad finishing ranges. Suitable for 100% cotton for Dyed and Non-made fibres.	Non-ionic
BOGOL MELLOW PHILIC CONC	Hydrophilic - clear stable silicone softener	0.5 to 2% of WOF by Exhaust 5-40 to 60 (g) by padding	Woven & Knits - Garment washing, Pad finishing ranges. Suitable for 100% cotton for Dyed and Non-made fibres.	Non-ionic
BOGOL MELLOWPHILIC MSHT	Non-Silicone Hydrophilic softener	1 to 3% / Exhaust 40 to 60 (g) by padding	Terry Knits	Non-Ionic with Colours

Yarn Finishing

BOGOL MELLOW ULS	Yarn softener with oxidised polyethylene wax emulsion	1 to 3% of WOF & 40 to 60 (g) by padding	Pre-dye Dyeing/Catena/Knits	Slightly Cationic
------------------	---	---	-----------------------------	-------------------

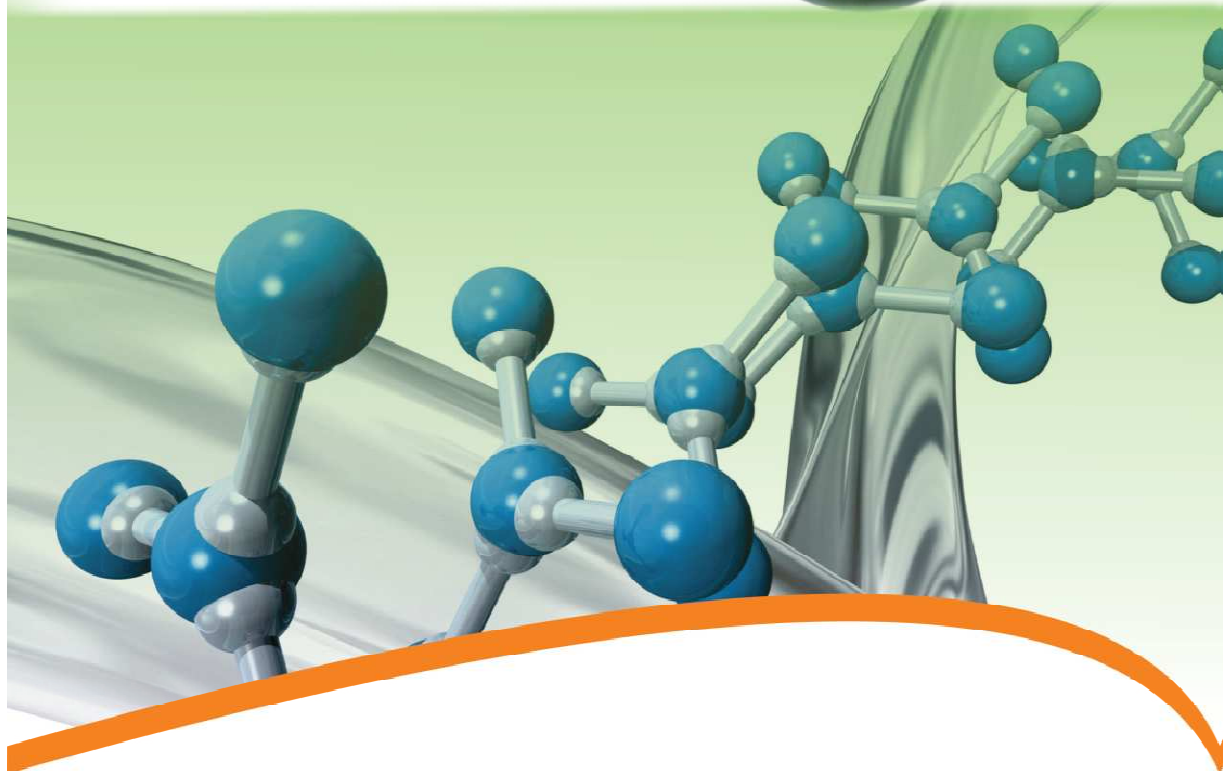
Enzyme process for Water & Time & Energy Savings

- Bio scouring & Bio finishing for Knits
- DE sizing & Bio scouring for Woven
- Dyeing & Bio finishing for Knits
- Bio scouring & Dyeing in 2 steps process for YD/KNITS/Medium to Dark shades.

Specialty Finishing Ranges

- Concentrated ready to use softeners for Cost savings.
- High concentrated ready to use paste form softeners (Cold water soluble).
- Phenolic Resistant softeners.
- Silicone cationic softeners.
- Pure silicone softeners.
- Hydrophilic silicone softeners.





BIOGEN OXY CHEMICALS

S.F.No.181/2, Door No. 13/2 Gandhi Nagar,
Kaniravuthar Kulam, Veerapanchatram (Po), Erode - 638 004, India.
Ph: + 91 424 229 4455 | E-mail : ac@biogenoxychemicals.com
Web: www.biogenoxychemicals.com