

Miscellaneous

1	GBhydro Royal	Unique Hydrosulfite reducing agent for the textile industry Highest concentration 88% - 90% , the highest color yield for denim & vat dyeing, as well as lowest odor & lowest dust. Best pure hydro granting excellent reduction clearing of Polyester dyeing & printing as well as insuring better stripping of fabrics & cleaning machines...etc. GBhydro Royal is free of heavy metals .
2	GBantibackstaining	Antibackstaining of denim & unfixed direct dyes when dyeings on cellulosic material as well as all types of dyes e.g. disperse dyes from PES/CO, denim blends ... Etc. preferably in Alkaline medium and as blood removal
3	GBbiopolish Enzyme	An enzyme for especial finishing process & reduces pilling, freshly prepared. is also used for denim abrasion and anti-pilling.
4	GBbio-polish Enzyme extra	concentrated enzyme for especial finishing process & reduces pilling, freshly prepared. is also used for denim abrasion and anti-pilling
5	GBdesizing Enzyme	Decomposes starch size from fabrics by the enzymatic reaction, never damage to synthetics and wool blended fabrics, providing soft touch to the desized materials, freshly prepared.
6	GBdesizing Enzyme extra	Decomposes starch size from fabrics by the enzymatic reaction, never damage to synthetics and wool blended fabrics, providing soft touch to the desized materials, freshly prepared.
7	GBperoxid killer Enzyme	Is a liquid enzyme preparation manufactured by a controlled fermentation process, has high catalase activity at high temperature which catalyzes the decomposition of hydrogen peroxide to water and O ₂ , freshly prepared..

ISO 9001:2015

ISO 14001:2015

ISO 45001:2018

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8	GB peroxid killer Enzyme extra	Is a liquid conc. enzyme preparation manufactured by a controlled fermentation process, has high catalase activity at high temperature which catalyzes the decomposition of hydrogen peroxide to water and O ₂ , freshly prepared.
9	GB lanon Wash Off Co	<ul style="list-style-type: none"> • Removing any remaining amount of formaldehyde left on the fabrics As well as removing any virus and bacteria . ■ new & unique technique : Powder After soaping agent for the removal of reactive dyes, hydrosylate or unfixed direct dyes from dyeing on cellulosic material as well as all types of dyes e.g. disperse dyes from PES/CO, denim ... etc Just after over flow rinsing for 10-15 min use 1-2 g/l for 20 min at the same temperature of the bath . preliminary lab tests should be carried out to decide the exact amount and time according to the types of dyes and the reacted percent
10	GB defoamer E	Economical Wetting agent APEO free for the textile industry,
11	GB antifoam	<p>Strong (100%) concentrated antifoam & Wetting agent APEO free Universally applicable, anti -foaming padding auxiliary for continuous, semi-continuous dyeing & Exhaust processes;</p> <p>& deaerating agent for dyeing cellulosic fibers & their blends.</p> <p>■ 100% concentrated product ,not dilutable by water, but it can be diluted with organic solvent. It is used in its concentrated form directly to the liquor (medium)</p> <p>APEO free , silicate free, Epoxy free, polydimethylsiloxan free</p>

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12	GBantifoam Z powder	APEO free very concentrated Antifoam in powder form for the textile industry especially for foam suppressant created by variety of foaming detergents , & it is used as antifoam in water-based systems. Recommended Dosage : 0.1 : 0.5
13	GBfoam producer FP	<ul style="list-style-type: none"> ▣ foam producer ,wetting, & detergent for all process & Especially for foaming back coating, shampoo & foaming fire fighting products ...etc ▣ for foaming and stabilizing pigment printing paste for foam printing.
14	GBacrylic Retarder	Versatile retarder & leveling in the dyeing of polyacrylonitrile (acrylic) fibers with cationic dyes.
15	GBlanon Fixer	<ul style="list-style-type: none"> ▣ After treating agent for improving the wet fastness properties of dyeings and prints with reactive and direct dyes.. ▣ For reducing chlorine levels in water solutions , pools...etc (antichlorination)
16	GBstian Repellent FC	Phobic agent for hydrophobic, oleophobic and dirt-repellent finishing of textiles. & Soil release & prevent Bactria , Fangus ...etc Formaldehyde free & PFOS free & APEO free . Unique & Best Durable water & oil poof replellent agent worldwide
17	GBadhesive Paste	Adhesive Paste for all perpose usage
18	GBfiller VA	Finishing agent for imparting a full and stiff, wash-fast finish to textile materials.
19	GBfiller VA Plus	concentrated Finishing agent for imparting a full and stiff, wash-fast finish to textile materials

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20	GB stripper & leveler A	Dye-affinitive stripping, afterwashing and levelling agent GBstripper & leveler A is used: <ul style="list-style-type: none"> • as a stripping agent for dyeings produced with vat, sulfur, reactive and direct dyes. • as a partial stripping agent for dyeings and prints produced with direct dyes. • to prevent staining of the ground when prints produced with direct and reactive dyes are being washed off. • as a levelling agent during dyeing with vat and direct dyes.
21	GB antipilling HVN ECO	Polyacrylate-based additive with reactive groups for finishing textiles.
22	GB flame retardant and Biocide	Flame retardant for textiles & is applied as biocides in leather & water treatment system. APEO free & Halogen free & Chlorine free .
23	GB repel HP	textile coating & finishing hydrophobic emulsion for all types of cellulosic fibers and cellulosic blends with synthetic fibers, as well as PES, Wool & Nylonetc. & acts as water repellent . <ul style="list-style-type: none"> • can be colored by pigments without adding any binder. • granting full & carton like handle On synthetic fabrics e.g. using 150-250 g/l • Very hard glossy film can be achieved by using as it's in coating or printing
24	GB antistatic APE	<ul style="list-style-type: none"> ■ Product for the antistatic finishing of synthetic-fiber textiles. It gives adsorbent and soil-release characteristic to the fabrics, & no caption of dust & helps Anti back staining effect. It can be used for all textile processes, adding GBantistatic APE To GBdetergent SRM conc will grant high hydrophilic effect !! <ul style="list-style-type: none"> ■ To increase soil release for water repellent and antibacteria finish

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25	GBantibacteria	<p>Is an anti-Bactria & bacterial Keller for textile. It can also be applied as very effective biocides & anti microbial& having a very broad activity spectrum against bacteria, yeasts and moulds including the following typical spoilage organisms that may cause infection and deterioration of water based products. Bacteria Moulds Yeasts .</p> <p>Achromobacter sp. Aspergillus sp. Candida albican ,Aerobacter aerogenes Alternaria alternata Rhodotorula sp. ,Aeromonas sp. Cephalosporium sp. Saccharomyces ,Alcaligenes sp. Fusarium sp. Cerevisiae ,Bacillus sp. Paecilomycesvariotii ,Escherichia coli Penicillium funiculosum ,Flavobacterium sp. Sclerophoma pithyophila ,Klebsiella sp. Sporobolomyces roseus ,Proteus sp, Trichoderma viride ,Pseudomonas aeruginosa ,Staphylococcus aureus Streptomyces sp</p> <p>APEO free & halogen free & chlorine free</p> <p>it is highly ecological to be used in swimming pools replacing chlorine products as well as water treatments against bacteria and fungi & algae</p>
26	GBfluorine free DWR	textile coating & finishing hydrophobic emulsion for all types of Fabrics and leather...etc. & ecofriendly water repellent .

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