

TEXTILE CHEMICAL, DYES + AUXILIARIES

In this division BROS offers comprehensive and innovative solutions for textile processing, which includes each of the treatment phases: preparation, dyeing, printing, coatings, finishes, etc. Each of the products has been carefully developed using the latest technologies, focusing on the latest textile trends and demands.

We offer a broad range of colorants and dyeing auxiliaries, which ensure an optimal colouring process through a wide variety of textile processes and applications.

Chemical Products

- **Pretreatment:**

Chemical solutions for all textile fibers: masking agents, dispersants, levelling agents and bleaches, detergents, sizing, fibre finish and OBA'S.

- **Finishing:**

High-tech chemical products for treating the surface of all types of textiles fibres that provide a different feel and sensation. Fluorchemicals / Wrinkle Free / Softeners / Fire Retardants / Others

- **Polymer dispersions**

Auxiliaries for the efficient and environmentally friendly dyeing process. Auxiliaries for the efficient and environmentally friendly dyeing process.

Including auxiliaries as binders and variety of specialty additives for manufacturing and printing process of fabric textile.

- **Dyeing:** Range of reactive Dyes, sulfur Dyes, disperse Dyes, Acid Dyes and specialties.

- **Digital printing:** Reactive dyes, and effective pretreatment process chemicals.



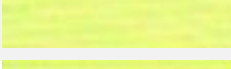
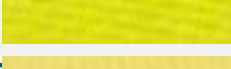
Textile Auxiliaries

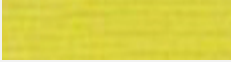
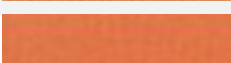
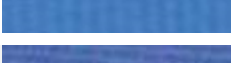
Product Name	CI NO.	Application
Alkali Scouring and wetting agent D1070		Have excellent alkali wetting, scouring and washing capacity
Higher temperature levelling agent BOF	Light brownish thick liquid	Higher concentration, can be dissolved in cold water
Higher Efficient oil remover D125		Have excellent washing and oil removing capacity
Multi-functional Scouring Agent D-1010		A complex of scouring agent, hydrogen peroxide stabilizer and alkaline agent
Softener DB-S800		Match Magna soft JSS
Flame retardant		Can be use in natural and chemical fiber
Bio-Polishing enzyme		Treated textures have polishing surface, terrific texture, softening touches, and excellent breath-ability for leather, fiber etc
Desizing enzyme		Heat-stabilized bacterial amylase for starch decomposition, also have normal temperature enzyme
Washing enzyme		Used in reactive dyestuff washing
Peroxide Killer Enzyme		Quickly removes residual peroxide after bleaching.
Bating Enzyme		Enzymatic bating agent
Fixing agent D600		High effect and excellent anti-staining fastness and soaping boiling fastness, can be dissolved in cold water easily
Chelating and Soaping agent D308		Have both chelating and soaping ability
Bio-Polishing enzyme	Gray amorphous powder or liquid	Treated textures have polishing surface, terrific texture, softening touches, and excellent breath-ability for leather, fiber etc
Desizing enzyme	Brown liquid	Heat-stabilized bacterial amylase for starch decomposition, also have normal temperature enzyme
Washing enzyme		Used in reactive dyestuff washing
Peroxide Killer Enzyme		Quickly removes residual peroxide after bleaching
Bating Enzyme	Beige powder	Enzymatic bating agent
Polyester Fabric Optical Brightener		
Optical brightener EB 330	Yellow lightly liquid	For lower temperature with different shade
Optical brightener ER330	Yellow lightly liquid	For higher temperature with different shade
Optical brightener ERN 250		Lower temperature below 100°C
Optical brightener EBF 350	Yellow greenish powder	Resist to sunlight, higher fastness
Cotton and Polyimide Fiber Optical Brightener		
Optical brightener DST		Highest fastness to sun can reach to 3 and good whiteness in cotton OBA

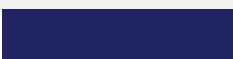
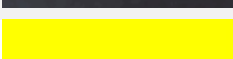
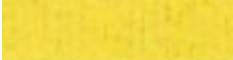
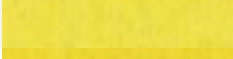
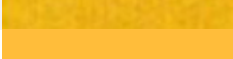
Optical brightener DCT		Best optical brightener for towel
Optical brightener BBU	Slight yellow powder	Good affinity, have excellent acid and alkalis stability, and good stability to peroxide bleach
Optical brightener BA267	Yellowish granule	Powder and liquid, good washing whiteness
Optical brightener BYB,4BK, BMB	Slight gray-yellowish powder	Have different shade
Optical brightener MST	Brown yellow powder	Extreme whiteness, also can resist to acid and washing
Nylon Optical Brightener		
Optical brightener NFW 20%	Slight yellowish liquid	Have both liquid and powder type
Optical brightener CF 530	Yellowish powder	Have good dispersing property for cheese yarn and also can be used in silk
Acrylic Optical Brightener		
Optical brightener CLE		Higher fastness, also can used in cotton
Optical brightener BAC	Brown transparent liquid	Higher whiteness and bright color
Wool Optical Brightener		
Optical brightener NFW 450		Higher whiteness and bright color
Water proofing agent		High effective water resisting function and have good hand feeling
Anti-pilling agent		No influence to whiteness or color shade
UV absorber UV-P		Excellent uv-a and uv-b absorption , improves UPF50+
Flake Softener CRS		Flake have excellent soft and fluffy effect, can be dissolved in normal water
Leveling agent DBA		Excellent dispersing for all disperse dyes, APEO free
Leveling agent DBV		Suitable for continues dying with disperse, reactive or vat dyes
Anti-yellow agent D150		Yellow inhibitor of fiber, synthesized leather, man-made leather
DIRECT YELLOW R	DIRECT YELLOW 11	
DIRECT CHRYSOPHENINE G	DIRECT YELLOW 12	
DIRECT FAST YELLOW 5GL	DIRECT YELLOW 27	
DIRECT FAST YELLOW RS	DIRECT YELLOW 50	
DIRECT FAST YELLOW D-RL	DIRECT YELLOW 86	
DIRECT FAST YELLOW 132	DIRECT YELLOW 132	
DIRECT FAST YELLOW PG	DIRECT YELLOW 142	

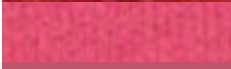
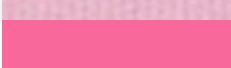
DIRECT ORANGE S	DIRECT ORANGE 26	
DIRECT FAST ORANGE TGL	DIRECT ORANGE 34	
DIRECT FAST ORANGE GGL	DIRECT ORANGE 39	
DIRECT PINK 12B	DIRECT PINK 31	
DIRECT RED BE	DIRECT RED 13	
DIRECT RED FBA	DIRECT RED 16	
DIRECT RED 4BE	DIRECT RED 28	
DIRECT FAST RED F3B	DIRECT RED 80	
DIRECT FAST RED 4B	DIRECT RED 81	
DIRECT FAST RED F2G	DIRECT RED 224	
DIRECT FAST ROSE FR	DIRECT ROSE 227	
DIRECT FAST RED BWS	DIRECT RED 243	
DIRECT FAST RED 4GE	DIRECT RED 277	
DIRECT SCARLET 4BS	DIRECT SCARLET 23	
DIRECT VIOLET BK	DIRECT VIOLET 9	
DIRECT FAST VIOLET BB	DIRECT VIOLET 51	
DIRECT FAST VIOLET 4BL	DIRECT VIOLET 66	
DIRECT GREEN BE	DIRECT GREEN 6	
DIRECT FAST GREEN BLE	DIRECT GREEN 26	
N-Phenyl-N-((trichloromethyl)thio)benzenesulfonamide Anthranilamide	2280-49-1	Medicalintermediate, rubber vulcanizing agent
	88-68-6	Used for efficient fluorescent labelling of glycans and analysis of complex carbohydrates.
Allyl acetoacetate	1118-84-9	Used for Polymer Additives
Bisphenol P (2,2-Bis(4-hydroxyphenyl)-4-methylpentane)	6807-17-6	Intermediate

Bisphenol S	80-09-1	Used in the manufacture of color photographic materials, photographic contrast enhancement, thermo sensitive materials (developer), daily surfactant and efficient deodorant, etc. Can be used as additive in plating solution, leather tanning agent, dispersant of disperse dye dyeing at high temperature hardening accelerator, phenolic resin, resin, flame retardant, etc. And intermediates of pesticides, dyes, auxiliaries, also can be directly used in the paint, leather modification agent, agent of the light metal plating
Hydrogenated bisphenol A	80-04-6	Raw material of unsaturated polyester resin, epoxy resin, especially used for glass fiber reinforced plastic, artificial marble, bathtub, plating bath and other artifacts, and water resistance, drug resistance, thermal stability and light stability.
Light Stabilizer 438	42774-15-2	Polyamide Stabilizer
Trimethyl Phosphonoacetate	5927-18-4	Can be used as plasticizer, fireproofing agent and extractant.
Triethyl phosphonoacetate	867-13-0	It is an important Wittig-horner reagent, which can be used as plasticizer, fireproofing agent and extractant. It is also the key intermediate to synthesize vitamins compound, pharmaceuticals and insect pheromones etc.
Stabilizer 7000	2162-74-5	It is an important stabilizer of polyester products (including PET, PBT, and PEE) , polyurethane products, polyamide nylon products, and EVA etc hydrolyze plastic . Can also prevent water and acid attacks of grease and lubricating oil, enhance the stability
Stabilizer 9000	29963-44-8	It is widely used in PA6、PA66、 PET、 TPU/PU、 TPEE、 PBT、 PTT、 PLA、 EVA etc. Stabilizer 9000 provide long-lasting protection for polyester, polyamide and polyurethane , and protect easy hydrolysis plastic, rubber, coatings and adhesives etc.
P-Toluylic acid	99-94-5	Intermediate for organic synthesis. It is mainly used in producing PAMBA, p-Tolunitrile, photosensitive material, and etc.
DIRECT FAST BLUE B2RL	DIRECT BLUE 71	
DIRECT FAST BLUE 4BL	DIRECT BLUE 200	
DIRECT FAST BLUE BRL	DIRECT BLUE 201	
DIRECT FAST BLUE FFRL	DIRECT BLUE 108	

DIRECT FAST BRILL BLUE BL	DIRECT BLUE 106		
DIRECT FAST BRILL BLUE GL	DIRECT BLUE 293		
DIRECT FAST TURQ BLUE FBL	DIRECT BLUE 199		
DIRECT FAST BLUE GL	DIRECT BLUE 86		
DIRECT SKY BLUE 5B	DIRECT SKY BLUE 15		
DIRECT COPPER BLUE 2R	DIRECT COPPER BLUE 151		
DIRECT FAST GREY CGL	DIRECT GREY 112		
DIRECT FAST GREY 4GL	DIRECT GREY 62		
DIRECT GREY D	DIRECT GREY 17		
DIRECT BLACK OB	DIRECT BLACK 80		
DIRECT BROWN RN	DIRECT BROWN 95		
DIRECT BROWN MM	DIRECT BROWN 2		
DIRECT BROWN D-3G	DIRECT BROWN 1		
DIRECT FAST BROWN GTL	DIRECT BROWN 210		
DIRECT FAST BROWN AGL	DIRECT BROWN 115		
DIRECT FAST BROWN RL	DIRECT BROWN 116		
DIRECT FAST BLACK 19	DIRECT BLACK 19		
DIRECT FAST BLACK GF	DIRECT BLACK 22		
DIRECT FAST BLACK VSF600	DIRECT BLACK 22		
DIRECT BLACK 168	DIRECT BLACK 168		
DIRECT BLACK 179	DIRECT BLACK 179		
DIRECT BLACK EX	DIRECT BLACK 38		
DISPERSE YELLOW SE-4RL	DISPERSE YELLOW 56		
DISPERSE YELLOW 3G	DISPERSE YELLOW 54		
DISPERSE YELLOW 8GFF	DISPERSE YELLOW 82		
DISPERSE YELLOW 10GN	DISPERSE YELLOW 184		
DISPERSE YELLOW 4G	DISPERSE YELLOW 211		
DISPERSE YELLOW 3GL	DISPERSE YELLOW 64		

DISPERSE YELLOW G	DISPERSE YELLOW 3		
DISPERSE YELLOW RGEL	DISPERSE YELLOW 23		
DISPERSE YELLOW S-BRL	DISPERSE YELLOW 163		
DISPERSE ORANGE R-SF	DISPERSE ORANGE 73		
DISPERSE ORANGE S-3RFL	DISPERSE ORANGE 44		
DISPERSE ORANGE F3R	DISPERSE ORANGE 25		
DISPERSE ORANGE S-4RL	DISPERSE ORANG30		
DISPERSE RED S-R	DISPERSE RED 74		
DISPERSE RED FRL	DISPERSE RED 177		
DISPERSE RED F3BS	DISPERSE RED 343		
DISPERSE RED BEL	DISPERSE RED 92		
DISPERSE RED 3B	DISPERSE RED 60		
DISPERSE RED CBN	DISPERSE RED 356		
DISPERSE RED BS	DISPERSE RED 152		
DISPERSE RED GS	DISPERSE RED 153		
DISPERSE RED G	DISPERSE RED 277		
DISPERSE RED 2B	DISPERSE RED 13		
DISPERSE RED S-5BL	DISPERSE RED 167		
DISPERSE RED B	DISPERSE RED 1		
DISPERSE RED BG	DISPERSE RED 362		
DISPERSE VIOLET HFRL	DISPERSE VIOLET 26		
DISPERSE VIOLET 2R	DISPERSE VIOLET 1		
DISPERSE VIOLET S-3RL	DISPERSE VIOLET 63		
DISPERSE BLUE S-GL	DISPERSE BLUE 60		
DISPERSE BLUE BF	DISPERSE BLUE 77		
DISPERSE BLUE F2GS	DISPERSE BLUE 367		

DISPERSE BLUE BBLs	DISPERSE BLUE 165	
DISPERSE BLUE FFR	DISPERSE BLUE 3	
DISPERSE BLUE 2R 200%	DISPERSE BLUE 56	
DISPERSE BLUE H-BGL	DISPERSE BLUE 73	
DISPERSE BLUE SE-5R	DISPERSE BLUE 183	
DISPERSE BLUE S-3BG	DISPERSE BLUE 79	
DISPERSE BLUE ECO 300%	DISPERSE BLUE 156	
DISPERSE BLACK ECO 300%	DISPERSE BLACK 169	
ACID YELLOW GDC	ACID YELLOW 73	
WEAK ACID(PULA) YELLOW GN01	ACID YELLOW 117	
WEAK ACID(PULA) YELLOW GN02	ACID YELLOW 117	
WEAK ACID BRIGHT YELLOW G	ACID YELLOW 117	
ACID BRIGHT YELLOW 6G	ACID YELLOW 44	
ACID YELLOW E-RPL	ACID YELLOW 25	
ACID YELLOW 4GL	ACID YELLOW 79	
ACID BRIGHT YELLOW 2G	ACID YELLOW 17	
ACID YELLOW 3GS	ACID YELLOW 72	
ACID YELLOW G	ACID YELLOW 42	
ACID YELLOW NM-2GL	ACID YELLOW 59	
ACID YELLOW S-2G	ACID YELLOW 220	
ACID GOLDEN YELLOW G	ACID YELLOW 36	
WEAK ACID YELLOW A-4R	ACID YELLOW 199	
WEAK ACID ORANGE AGT	ACID ORANGE 116	
ACID ORANGE II	ACID ORANGE 7	
WEAK ACID(PULA) ORANGE GSN	ACID ORANGE 95	
WEAK ACID ORANGE GS	ACID ORANGE 33	
WEAK ACID YELLOW RXL	ACID ORANGE 67	
ACID ORANGE NM-2RL	ACID ORANGE 89	

ACID ORANGE G	ACID ORANGE 10		
ACID RED B	ACID RED 14		
WEAK ACID SCARLET F-3GL	ACID RED 111		
ACID BRILLIANT RED E-2GN	ACID RED 337		
WEAK ACID RED GN	ACID RED 122		
ACID RED 2B	ACID RED 361		
ACID RED F-GRS	ACID RED 114:2		
WEAK ACID RED RS	ACID RED 114		
ACID RED F-A	ACID RED 88		
ACID RED BG	ACID RED 37		
ACID RED MOO	ACID RED 73		
WEAK ACID SCARLET RED FG	ACID RED 374		
ACID RED G	ACID RED 1		
ACID RED GW	ACID RED 118		
ACID RED S3G	ACID RED 407		
WEAK ACID BRILLIANT RED BN	ACID RED 359		
WEAK ACID RED S-G	ACID RED 315		
ACID RED 3R	ACID RED 18		
ACID FAST PINK BN	ACID RED 186		
WEAK ACID RED F-2R	ACID RED 151		
ACID ROSY RED B	ACID RED 52		
ACID RED 3GX	ACID RED 57		
WEAK ACID(PULA) BRILLIANT RED	ACID RED 249		
ACID RED 2BS	ACID RED 266		
ACID RED MF-2BL	ACID RED 336		
WEAK ACID BRILLIANT RED 3B	ACID RED 172		
WEAK ACID(CARBOLAN) PINK B	ACID RED 138		
ACID PINK 3BN	ACID RED 131		
WEAK ACID RED N-5BL	ACID RED 299		
ACID RED BROWN V	ACID RED 119		
ACID VIOLET M-B	ACID VIOLET 90		

WEAK ACID(PULA) BRILLIANT RED 10B	ACID VIOLET 54		
ACID VIOLET 4BNS	ACID VIOLET 17		
ACID VIOLET N-FBL	ACID VIOLET 48		
ACID BRILLIANT BLUE FCF	ACID BLUE 9		
ACID TURQUOISE BLUE A	ACID BLUE 7		
WEAK ACID BRILLIANT BLUE 5GM	ACID BLUE 142		
WEAK ACID BRILLIANT BLUE RAWL	ACID BLUE 80		
ACID BLUE 2G	ACID BLUE 40		
WEAK ACID BLUE 2BR	ACID BLUE 62		
ACID NAVY S-B	ACID BLUE 284		
WEAK ACID BLUE AS	ACID BLUE 25		
ACID BRILLIANT BLUE RL	ACID BLUE 260		
ACID BLUE 7BF	ACID BLUE 100		
ACID BRILLIANT BLUE PRL	ACID BLUE 129		
ACID BRILIANT BLUE F-2AL	ACID BLUE 92		
WEAK ACID BRILLIANT BLUE 6B	ACID BLUE 83		
ACID BRILLIANT BLUE G	ACID BLUE 90		
ACID BLUE MF-BLN	ACID BLUE 350		
ACID NAVY BLUE F-RN	ACID BLUE 92		
ACID DARK BLUE MTR	ACID BLUE 193		
ACID BLUE B	ACID BLUE 45		
ACID BLUE K-BRLL	ACID BLUE 324		
ACID BLUE SG	ACID BLUE 317		
WEAK ACID(CARBOLAN) GREEN 5GS	ACID GREEN 28		
WEAK ACID GREEN GS	ACID GREEN 25		
ACID BROWN RL	ACID BROWN 2		
ACID BROWN SR	ACID BROWN 348		
ACID BROWN NM-GR	ACID BROWN 282		
ACID BROWN NR	ACID BROWN 75		

ACID BROWN S3R	ACID BROWN 283	
ACID BROWN M-BL	ACID BROWN 355	
ACID MORDANT BLACK T	ACID BLACK 11	
ACID NIGROSINE NB	ACID BLACK 2	
WEAK ACID BLACK NB-G	ACID BLACK 234	
NEUTRAL BLACK 2S-RL	ACID BLACK 172	
ACID BLACK NM-BGL	ACID BLACK 107	
ACID BLACK NT	ACID BLACK 210	
ACID BLACK WAN	ACID BLACK 52	
ACID GREY 2BL	ACID BLACK 60	
WEAK ACID BLACK BR	ACID BLACK 24	
ACID BLACK 8GB	ACID BLACK 1	
ACID BLACK ATT	ACID BLACK MIX	
NEUTRAL BLACK 2S-BL	ACID BLACK 194	
PARA NITRO TOLUENE ORTHO SULPHONIC ACID (PNTOSA)	121-03-9	Dye intermediate. It is mainly used for preparing stilbene series direct dyes such as direct yellow R, dsd acid, fluorescent whitening agent, etc.
4-Hydroxy TEMPO	2226-96-2	It is widely used in acrylic esters, methacrylic esters, vinyl acetate, acrylic acid, acrylonitrile, styrene, butadiene production, can also be used for vinyl chloride, unsaturated polyester and pesticide. Can effectively prevent the production of olefin units and the autopolymerization in separation, refining, storage or transportation.
DIRECT YELLOW 11 LIQUID	1325-37-7	Direct Yellow 11 liquid is used for coloring fabric and paper

LIST OF SOME ITEMS:

Type	Name of the Items
Acid	Acetic Acid, Formic Acid
Alkali	Sodium Hydroxide, Potassium Hydroxide, Sodium Carbonate
Bleach	Hydrogen Peroxide, Sodium Hypochlorite, Sodium Chlorite
Dyes	Reactive, Direct, Disperse, Pigment, Vat
Salt	Sodium Chlorite, Glauber Salt, Common Salt
Size	Starch, PVA
Stabilizer	Sodium Silicate, Sodium Nitrate, Organic Stabilizers
Surfactant	Detergents
Auxiliary Finishes	Fire Retardant, Softener