

TEXTILE CHEMICALS

CHEMICAL BUSINESS UNIT

Chiripal Group is a multi-faceted business conglomerate founded in 1972. Chiripal Group has more than Rs. 10,000 Cr (\$ 1.3 Bn) of annual turnover and employs about 20,000 individuals. Chiripal is a comprehensive textile house with facilities of spinning, weaving, knitting, processing & manufacturing of Denim & terry towels. Chiripal Group has very diversified business activities in the field of Textiles, Petrochemicals, BOPP Films, BOPET Films, Chemicals, Infrastructure & education sector.

The Chemical Division manufactures textile chemicals including polysol (hardeners), binders and speciality auxiliaries for pretreatment, dyeing, printing & finishing of various fabrics. The products for textile applications are marked with CHIRIMOL, CHIRITEX & CHIRISOFT brands. It also produces synthetic adhesives including pressure sensitive adhesives (PSA) and wood adhesives under the brand umbrella of TIKAWOO.

It is one of the leading manufacturers of water based polymer emulsions for paints and coating industry in commitment to world class standards. The products for specific applications in the paint industry are offered under the brand name CHIRIBOND. They are fast drying, durable and resistant to washing, scrubbing and water vapor permeability. There are different products for external as well as internal application and coating with finishes like high sheen and matte.

Keeping in view the social responsibility of protecting the environment quality and preventing and controlling pollution the Chemical Division has adopted the best environmental management practices. It has designed clean and automatic manufacturing plants for a cleaner environment. The division manufactures ozone-free products which are eco-friendly.

Our research and development activities have helped us to roll out new products which are eco-friendly as well as efficient in solving problems in different areas to meet our customer requirements.

The Chemical Division has a vision for the future. For this, the Division is continually working on developing niche products for industries other than textiles like Paints, Leather, Paper, Packing, and Surface coating. It is focusing on providing critical and technical solutions to meet the customer requirements most efficiently and cost-effectively. Moreover, the state of the art technology, efficient supply chain systems and MIS help in understanding tomorrow's needs today.



ZDHC
LEVEL 3

POLYSOLS/ HARDENERS

PRODUCT NAME	CHEMICAL COMPOSITION	APPEARANCE	pH	SOLID CONTENT	VISCOSITY	APPLICATION
CHIRITEX MBX 38	VAM Homo Polymer	White Viscous	4.0-6.0	38	250-500	Low cost stiffening agent without plasticizers
CHIRITEX 40	VAM Homo Polymer	White Viscous	4.0-6.0	40	250-500	Low cost stiffening agent without plasticizers
CHIRITEX 45	VAM Homo Polymer	White Viscous	4.0-6.0	45	250-500	A cost effective finishing agent imparts body, handle and stiffness, textile interlining
CHIRITEX 48	VAM Homo Polymer	White Viscous	4.0-6.0	48	250-500	A concentrated product without plasticizers for body and stiffness
CHIRITEX 48 SS	Polyvinyl Acetate Emulsion with Plasticizers	White Viscous	4.0-6.0	48	250-500	A concentrated product with plasticizers for body and stiffness
CHIRITEX EMD ECO	VAM Homo Polymer	White Viscous	4.0-6.0	50	250-500	A stiffening agent without plasticizers best suited for collar bonding and book fold type finishes
CHIRITEX 50 SS	Polyvinyl Acetate Emulsion with Plasticizers	White Viscous	4.0-6.0	50	250-500	A concentrated product with plasticizers for body and stiffness with mild flexibility
CHIRITEX 52 SS	Polyvinyl Acetate Emulsion with Plasticizers	White Viscous	4.0-6.0	52	250-500	A high solid binder with plasticizers for body and stiffness
CHIRITEX 5515	Polyvinyl Acetate Emulsion with highly Plasticizers	White Viscous	4.0-6.0	55	500-800	Stiffener with excellent plasticizing effect for textile finish
CHIRITEX 5400	Polyvinyl Acetate-Plasticizer Co-Polymer Emulsion	White Viscous	4.0-6.0	55	50-100	An economical Poly vinyl Acetate co-polymer emulsion to impart body and soft handle
CHIRITEX MBX 5500	Polyvinyl Acetate-Plasticizer Co-Polymer Emulsion	White Viscous	4.0-6.0	55	50-100	A stiffening agent for durable effect suitable for suitings to impart body and soft handle

FLOCK BINDERS

PRODUCT NAME	CHEMICAL COMPOSITION	APPEARANCE	pH	SOLID CONTENT	VISCOSITY	APPLICATION
CHIRITEX 16 ECO	Pure-Acrylic	Bluish White	2.0-4.0	45	0.1-5.0	A hard binder for a high loft wadding/padding, flocking and interlining
CHIRITEX 3699	Acrylic Co-Polymer	Bluish White	4.0-6.0	45	0.1-5.0	Economical flocking binder which gives medium soft feel with good abrasion.
CHIRITEX FL 15	Acrylic Co-Polymer	Bluish White	7.0-9.0	45	5.0-15	A medium hard binder for flocking which gives high abrasion
CHIRITEX FL 85	Acrylic Co-Polymer	Bluish White	7.0-9.0	45	0.1-5.0	A self cross linking flocking binder which exhibits soft feel with better abrasion. Suitable for rotary screen printing.
CHIRITEX FL 87	Acrylic Co-Polymer	Bluish White	2.0-4.0	45	0.1-5.0	High quality binder for flocking with super soft finish and excellent abrasion. Can be used in fabric to fabric bonding
CHIRITEX FL 87 ECO	Acrylic Co-Polymer	Bluish White	2.0-4.0	45	0.1-5.0	High quality binder for flocking with super soft finish and excellent abrasion. Can be used in fabric to fabric bonding
CHIRITEX FL 90	Acrylic Co-Polymer	Bluish White	4.0-6.0	45	0.1-5.0	Economical flocking binder gives medium soft feel
CHIRITEX FL 101	Acrylic Co-Polymer	Bluish White	7.0-9.0	45	5.0-15	An excellent flocking binder which gives softfeel with good abrasion.
CHIRITEX FL 3801	Acrylic Co-Polymer	Bluish White	7.0-9.0	38	0.1-5.0	An excellent flocking binder which gives soft feel with good abrasion.

PIGMENT PRINTING BINDERS

PRODUCT NAME	CHEMICAL COMPOSITION	APPEARANCE	pH	SOLID CONTENT	VISCOSITY	APPLICATION
CHIRITEX 3000	Acrylic Co-Polymer	Bluish White	7.0-9.0	30	40-80	An economical binder suitable for pigment printing
CHIRITEX 4840	Acrylic Co-Polymer	Milky White	7.0-9.0	40	80-120	A Brilliant prints, excellent fastness result with softness on fabric
CHIRITEX ET ECO FF	Acrylic Co-Polymer	Bluish White	7.0-9.0	38	0.1-5.0	A excellent ZERO Formaldehyde binder suitable for pigment printing
CHIRITEX ET VS	Acrylic Co-Polymer	Bluish Transparent	7.0-9.0	38	5.0-20.0	A Binder suitable for pigment printing with better softness and washing fastness
CHIRITEX FJN	Acrylic Co-Polymer	Bluish White Paste	7.0-9.0	45	500-800	Specially developed for jari, pearl and silver printing on textile fabrics
CHIRITEX- JB 51	Pure-Acrylic	Milky White	4.0-6.0	51	0.1-5.0	Specially developed for jari, pearl and silver printing on textile fabrics & having excellent stretchability
CHIRITEX HS ECO	Acrylic Co-Polymer	Bluish White	7.0-9.0	55	5.0-15.0	A high solid for pigment printing which gives superior fastness
CHIRITEX NB 60	Acrylic Co-Polymer	Bluish Transparent	7.0-9.0	38	0.1-5.0	Self cross linking acrylic emulsion which combines soft, durable film properties with excellent thermal and mechanical stability.
CHIRITEX NE 30	Acrylic Co-Polymer	Bluish White	7.0-9.0	34	5.0-15.0	An excellent binder suitable for pigment printing
CHIRITEX PBA	Acrylic Co-Polymer	Milky White	5.0-7.0	40	0.1-5.0	An excellent binder suitable for pigment printing with excellent fastness and soft handle.
CHIRITEX PBN	Acrylic Co-Polymer	Bluish White	7.0-9.0	38	0.1-5.0	An excellent binder suitable for direct and discharge pigment printing
CHIRITEX-5401	Acrylic Co-Polymer	Bluish White	7.0-9.0	40	5-20	An excellent binder suitable for pigment printing with excellent fastness and used for direct and discharge pigment printing.
CHIRITEX TX 44	Acrylic Co-Polymer	Milky White	4.0-6.0	55	0.1-5.0	An excellent self emulsifying binder suitable for pigment printing
CHIRITEX SPB	Acrylic Co-Polymer	Bluish White	4.0-6.0	38	0.1-5.0	An economical APEO FREE binder suitable for direct pigment printing.
CHIRITEX SA 38	Acrylic Co-Polymer	Bluish White	7.0-9.0	38	0.1-5.0	An excellent binder suitable for pigment printing
CHIRITEX SF 44	Acrylic Co-Polymer	Bluish White	7.0-9.0	45	0.1-5.0	A superior binder to bind pigment for durable print with better quality and good workability.
CHIRITEX XSB	Acrylic Co-Polymer	Bluish White	4.0-6.0	40	0.1-5.0	A premium and super soft binder suitable for pigment printing with excellent results
CHIRITEX EDB	Acrylic Co-Polymer	Milky White	6.0-8.0	35.5	0.1-5.0	An excellent soft dyeing binder with extra ordinary results.
CHIRITEX ET ECO	Acrylic Co-Polymer	Bluish White	7.0-9.0	38	5.0-15.0	An excellent binder suitable for pigment printing

FABRIC GLUE BINDERS

PRODUCT NAME	CHEMICAL COMPOSITION	APPEARANCE	pH	SOLID CONTENT	VISCOSITY	APPLICATION
CHIRITEX 2050	Acrylic Co-Polymer	Bluish White Paste	7.0-9.0	50	800-1000	A premium paste for stone binding with fabric for softness and superb adhesion
CHIRITEX 2045	Acrylic Co-Polymer	Bluish White Paste	7.0-9.0	45	800-1000	A premium paste for stone binding with fabric for softness and superb adhesion
CHIRITEX 2434	Acrylic Co-Polymer	Bluish White Paste	7.0-9.0	40	800-1000	A premium paste for stone binding with fabric for softness and superb adhesion

COATING BINDERS

PRODUCT NAME	CHEMICAL COMPOSITION	APPEARANCE	pH	SOLID CONTENT	VISCOSITY	APPLICATION
CHIRITEX 24	Acrylic Co-Polymer	Bluish White	2.0-4.0	45	1.0-10.0	A soft binder for paper coating with excellent binding strength
CHIRITEX 102 ECO	Acrylic Co-Polymer	Bluish White	7.0-9.0	45	5.0-15.0	A medium soft binder for fabric to fabric lamination and coating
CHIRITEX- 3681	Acrylic Co-Polymer	Milky White	4.0-6.0	45	1.0-5.0	Medium Hard binder for fabric to fabric lamination and coating
CHIRITEX- 1699	Acrylic Co-Polymer	Bluish White	6.0-8.0	45	1.0-5.0	Hard binder for fabric coating and fabric to fabric lamination
CHIRITEX FX 500	Pure-Acrylic	Bluish White	4.0-5.0	45	1.0-5.0	Zero formaldehyde fixer in printing & coating application.
CHIRITEX 780 M	Acrylic Co-Polymer	Milky White	3.0-5.0	50	0.1-5.0	Hard binder for fabric coating and fabric to fabric lamination
CHIRITEX 3640 H	Acrylic Co-Polymer	Milky White	6.0-7.0	43	0.1-5.0	A suitable binder for coatings on variety of substrates such as metals, textiles
CHIRITEX 3640 L	Acrylic Co-Polymer	Milky White	6.0-7.0	38	0.1-5.0	A suitable binder for coatings on variety of substrates such as metals, textiles
CHIRITEX 6535	Acrylic Co-Polymer	Bluish White	7.0-9.0	55	5.0-15.0	A soft binder for fabric to fabric and foam to fabric lamination
CHIRITEX ECO 50	Acrylic Co-Polymer	Bluish White	7.0-9.0	50	30-60	A medium soft binder for textile coating and interlining, which prevents fraying effects
CHIRITEX QC 100	Acrylic Co-Polymer	Milky White	7.0-9.0	40	0.1-5.0	A high performance thin organic coating applications on Galvanized metallic sheets.
CHIRITEX ARB	Acrylic Co-Polymer	Milky White	3.0-6.0	43	1.0-20.0	Good Acid Resistance coating binder in battery granulate & Hard nature.
CHIRITEX 243	Acrylic Co-Polymer	Bluish White	7.0-9.0	50	40-80	Medium soft binder for fabric to fabric lamination and coating

ADHESIVES

PRODUCT NAME	CHEMICAL COMPOSITION	APPEARANCE	pH	SOLID CONTENT	VISCOSITY	APPLICATION
CHIRIBOND PF	Pure-Acrylic	Milky White	7.0-9.0	53	18-30 Sec	Protection film adhesive for low peel adhesion and tack on various substrates
CHIRIBOND 17	Pure-Acrylic Tape Adhesive	Milky White	7.0-9.0	55	18-22 Sec	Pressure sensitive adhesive for BOPP tapes
CHIRIBOND LM 62	Acrylic Co-Polymer	Milky White	4.0-6.0	43	30-50	water base adhesive designed for lamination of films to paper
CHIRIBOND PCR ECO	Acrylic Co-Polymer	Milky White	4.0-6.0	55	80-120	Excellent water based pressure sensitive adhesive for stock labels and stickers applications

THICKENERS

PRODUCT NAME	CHEMICAL COMPOSITION	APPEARANCE	pH	SOLID CONTENT	VISCOSITY	APPLICATION
CHIRIBOND TH 72	Acrylic Hase Thickener	Bluish White	2.0-4.0	30	0.1-5.0	Alkali swellable emulsion type thickener with high thickening efficiency used for paint and back vcoating paste
CHIRIBOND TH 70	Acrylic Thickener	Bluish White	2.0-4.0	29	0.1-5.0	A alkali swellable emulsion type thickener with high thickening efficiency used for paint and back coating paste
SYNTHETIC THICKENER	Polymeric compound	Milky White	6.5-8.0	57	-	High thickening ability with excellent printing properties

PRODUCT NAME	CHEMICAL COMPOSITION	PH RANGE	APPLICATION
CHIRIZYME CDZ	α -amylase enzyme	6.0 to 7.0	CHIRIZYME CDZ is α -amylase enzyme for high-performance desizing agent for cotton fabric
CHIRIMOL MDZ	α -amylase enzyme	5.5 to 6.5	CHIRIZYME MDZ is desizing enzyme. It hydrolyses the sizing materials like natural gums, polyvinyl alcohol and water soluble cellulose derivatives
CHIRIMOL MKZ	Catalase enzyme	6.0 to 7.0	CHIRIZYME MKZ is state-of-the-art enzyme based peroxide neutralizer designed to effectively remove residual peroxide from the bleaching process before dyeing of cellulosic with reactive dyes
CHIRIZYME PKZ	Catalase enzymes	6.0 to 7.0	CHIRIZYME PKZ is enzymatic liquid catalyst for elimination of hydrogen peroxide resulting from the pretreatment process
CHIRIZYME BPN	Enzyme base	4.0 to 6.0	CHIRIZYME BPN is neutral Bio-polishing agent to control fuzziness in cotton fabric
CHIRIZYME BPA	Enzyme base	4.5 - 5.5	CHIRIZYME BPA is acidic Bio-polishing agent to control fuzziness in cotton fabric
CHIRIMOL HPLM	Nonionic APEO/NPEO free surfactant	6.0 to 8.0	CHIRIMOL HPLM is low foaming detergent for textile processing. Used in pre- scouring, boiling off or bleaching etc
CHIRIMOL HPLF	Speciality nonionic APEO/NPEO free surfactant	5.5 to 7.5	CHIRIMOL HPLF is low forming detergent for textile processing. Used in pre-scouring, boiling off or bleaching, washing in the dye bath, soaping off after dyeing
CHIRIMOL HPJS	Speciality nonionic APEO/NPEO free surfactant	6.0 to 7.0	CHIRIMOL HPJS is low forming detergent for textile processing . Used in pre scouring, bleaching etc
CHIRIMOL BX	Nonionic APEO/NPEO free surfactant	5.5 to 7.5	Chirimol BX is low foaming wetting agent, uses in scouring , bleaching etc
CHIRIMOL LFW	Speciality nonionic APEO/NPEO free surfactant	4.5 to 7.0	CHIRIMOL LFW is low foaming high performance detergent designed for cotton, synthetic and blended fabrics in Jigger , Winch dyeing machines
CHIRIMOL RWA	Nonionic APEO/NPEO free surfactant	6.0 to 8.0	CHIRIMOL RWA is a nonionic low foaming detergent for textile processing with pronounced emulsifying nature
CHIRIMOL MRL	Nonionic APEO/NPEO free surfactant	5.5 to 7.5	CHIRIMOL MRL is a low foaming wetting agent with excellent wetting at low dosage used for CBR, Softflow & Synthetic blend
CHIRIMOL AC 105	Non ionic ethoxylate	5.5 to 7.5	CHIRIMOL AC 105 is low forming detergent for textile processing. Used in pre-scouring, boiling off or bleaching, washing in the dye bath, washing off after dyeing
CHIRIMOL FALB	Nonionic APEO/NPEO free surfactant	6.0 to 7.0	CHIRIMOL FALB is wetting & rewetting agent for CBR , JET , Softflow etc
CHIRIMOL SPW	Nonionic APEO/NPEO free surfactant	5 TO 7	CHIRIMOL SPW is Detergent for textile processing. Used in pre- scouring, boiling off or bleaching
CHIRIMOL PWA	Specially formulated sulphosuccinate derivative	5.0 to 7.0	CHIRIMOL PWA is low cost surfactant with excellent wetting and rewetting properties at low concentration. It has an application as a high speed wetting agent in dyeing and washing operation for the textile industries
CHIRIMOL DTC CONC	Cryptoanionic surfactant blend	6.0 to 8.0	CHIRIMOL DTC CONC is an ideal combination for wide application in the preparatory wet processing of cellulosic and synthetic fibers with excellent whiteness
CHIRIMOL DTC LIQ	Cryptoanionic surfactant blend	6.0 to 8.0	CHIRIMOL DTC Liq. is ideal combination for wide application in the preparatory wet processing of cellulosic and synthetics
CHIRIMOL FS 20	Proprietary blend of surfactant	3.5 to 5.5	CHIRIMOL FS 20 is powerful wetting agent & detergent for all type of fibers
CHIRIMOL OT PASTE-78%	Di-octyl Sulphosuccinate	6.0 to 8.0	CHIRIMOL OT PASTE is low cost surfactant with excellent wetting and rewetting properties at low concentration. It has an application as a high speed wetting agent in dyeing and washing operation for the textile industries
CHIRIMOL OT LIQ.	Di-octyl Sulphosuccinate	3.0 to 5.0	CHIRIMOL OT LIQUID is low cost surfactant with excellent wetting and rewetting properties at low concentration. It has an application as a high speed wetting agent in dyeing and washing operation for the textile industries

PRODUCT NAME	CHEMICAL COMPOSITION	PH RANGE	APPLICATION
CHIRIMOL OTS	Sulphosuccinate derivative	6.0 TO 7.0	CHIRIMOL OTS has an application as a high speed wetting agent in dyeing and washing operation for the textile industries
CHIRIMOL PR	Blend of surfactant	5.5 to 7.5	CHIRIMOL PR is powerful wetting agent cum detergent for all types of fibers
CHIRIMOL RS	Blend of APEO free surfactant & non-chlorinated solvent	9.5 to 10.5	CHIRIMOL RS has effective degreasing wetting stain removal and detergency action. An APEO free efficient scouring and stain extracting agent for cellulosic, polyester and their blends in knitted and woven form
CHIRIMOL XNI	Blend of APEO free surfactant & non-chlorinated solvent	6.0 to 8.0	CHIRIMOL XNI is a versatile product for one bath scouring & bleaching of cotton woven & hosiery fabric, scouring aid for wool & speciality for combined scouring & dyeing polyester fibers, yarn and fabric
CHIRIMOL WSS	Blend of organic compounds	4.0 to 6.0	CHIRIMOL WSS is ALL IN ONE high performance wetting & scouring, sequestering and stabilizing detergent designed for the preparation of cotton, synthetic and blended fabrics
CHIRIMOL SIQ	Phosphonate ammonium salt	5.0 to 7.0	CHIRIMOL SIQ is low foaming organic concentrated sequestering agent
CHIRIMOL 2UDI	Blends of organic acid	3.0 to 5.0	CHIRIMOL 2UDI is protonic (H+) treatment for polyester/ cellulosic woven fabric
CHIRIMOL STB	Blend of organophosphonate sodium salt.	3.0 to 5.0	CHIRIMOL STB is low foaming organic stabilizer intended for use in silicate free peroxide bleaching of cottons. It ensures more efficient use of peroxide for improved economics & productivity of bleaching process
CHIRIMOL STB (N)	Blend of organophosphonate sodium salt.	3.0 to 4.0	CHIRIMOL STB(N) is low foaming organic stabilizer intended for use in silicate free peroxide bleaching of cottons
CHIRIMOL Awni	Blend of inorganic salt and surface-active agent.	6.5 to 8.5	CHIRIMOL Awni is stabilizer for hydrogen peroxide bleaching
CHIRIMOL SAI	Blends of organic phosphonic acid	1.5 to 2.5	CHIRIMOL SAI is a highly concentrated sequestering agent. Chelates Ca, Mg salts
CHIRIMOL MA CONC	Blend of alkyl alcohol sulphonate	9.0 to 11.0	CHIRIMOL MA CONC is concentrated mercerising/ wetting agent, low cost surfactant with excellent wetting and rewetting properties at low concentration
CHIRIMOL MR CONC	Blend of alkyl alcohol chloro sulphonate	6.0 to 8.0	CHIRIMOL MR CONC is concentrated mercerizing/wetting agent, low cost, high performance surfactant with excellent wetting properties in Higher conc. Of Caustic Soda
CHIRIMOL X	Blends of organic acids	2.0 to 4.0	CHIRIMOL X is a highly effective neutralizing agent for core alkaline neutralization. It is a multifunctional agent which is used after alkaline pre-treatment or dyeing or during finishing
CHIRIMOL Q	Polymeric compound	5.5 to 6.5	CHIRIMOL Q provides exceptional fabric/fabric and fabric/metal lubricity. It is recommended for use in the garment processing for reduction of crack, crease & fold marks

DYEING AUXILIARIES

PRODUCT NAME	CHEMICAL COMPOSITION	PH RANGE	APPLICATION
CHIRIMOL RSK	Sodium salt of polymeric organic comp.	4.0 to 5.0	CHIRIMOL RSK is an eco friendly, non foaming fastness improver to be used in dyeing, printing and soaping.
CHIRIMOL DF	Aliphatic poly amine derivatives in aqueous soln.	5.0 to 6.0	CHIRIMOL DF is excellent non formaldehyde dye fixing agent to the wash fastness of reactive and direct dyes.
CHIRIMOL DFL	DCDA derivatives in aqueous soln.	3.0 to 5.0	CHIRIMOL DFL is an excellent dye fixing agent to improve the wash fastness of reactive and direct dyes. [formaldehyde base]

PRODUCT NAME	CHEMICAL COMPOSITION	PH RANGE	APPLICATION
CHIRIMOL SMK	Nitrogenous condensate (Amphoteric)	5.0 to 7.0	CHIRIMOL SMK is an excellent leveling agent in the dyeing of wool, polyamide fibers and its blend. It can be used in all processing stage
CHIRIMOL PESI	Blend of ethylene oxide condensate	8.0 to 9.0	CHIRIMOL PESI is superior leveling agent for polyester dyeing
CHIRIMOL DFT	Blend of ethylene oxide condensate	6.0 to 8.0	CHIRIMOL DFT is superior leveling agent for dyeing of PES & Its blends
CHIRIMOL DSI	Naphthalene sulfonic acid polycondensate sodium salt.	7.0 to 9.0	CHIRIMOL DSI high performance dispersing agent, especially suitable for high dispersion stability in dyeing of polyester in HTHP machines
CHIRIMOL FBSN	Maleic-acrylic co-polymer	8.0 to 9.0	CHIRIMOL FBSN is efficient dispersant (protective colloid) & chelating agent for all stages in dyeing textiles made from cellulosic & blends. Dispersing and disaggregating agent with sequestering action on water hardening substances
MICRO DR (WTA)	DCDA derivatives in aqueous solution	3.0 to 5.0	MICRO DR is an excellent dye fixing agent to improve the washing fastness of reactive and direct dyes
CHIRIMOL DSK	Polymeric Organic Compound	5.0 to 6.0	CHIRIMOL DSK is an excellent dispersant for cotton liners, soil and inorganic bleaching system
ECO ACID	Carboxylic acid compound	2.0 to 4.0	It is multifunctional agent which is used after alkaline pre-treatment or dyeing or during finishin
CHIRIMOL FDP	Fatty oil & sulfonated compound	3.0 to 4.0	CHIRIMOL FDP is superior leveling and dispersing agent for dyeing polyester and blends
CHIRISOFT YLN	Special wax emulsion	4.0 to 6.0	CHIRIMOL YLN is wet waxing lubricant further application of knitting and weaving yarns
CHIRIMOL OR	Fatty oil condensate	6.0 to 8.0	CHIRIMOL OR is an ecofriendly, nonionic, non-foaming fastness improver to be used in dyeing, printing and soaping
ECOFIX DFF	Aliphatic poly amine derivatives in aqueous soln.	5.0 to 6.0	ECOFIX DFF is an excellent non formaldehyde dye fixing agent to the wash fastness of Reactive and Direct dyes
CHIRIMOL UC	Organic acid blend	3.0 to 4.0	CHIRIMOL UC is low foaming organic stabilizer intended for use in silicate free peroxide bleaching of cottons
CHIRIMOL WOFF	Maleic-acrylic co-polyme	6.0 to 7.0	CHIRIMOL WOFF efficient dispersant (protective colloid) & chelating agent,for all stages in dyeing textiles made from cellulosic & blends. Dispersing and disaggregating agent with sequestering action on water hardening substances
CHIRIMOL LUB	Polymeric compound	6.0 to 7.0	CHIRIMOL LUB is high molecular weight, nonionic emulsion polymer. This product provides exceptional fabric/fabric and fabric/metal lubricity. It is recommended for use in the garment processing for reduction of crack, crease & fold marks
CHIRIMOL RLA	Fatty oil sulphonated condensate	5.5 to 6.0	CHIRIMOL RLA is softens dye bath by sequestering metal ions and earth alkalis. Prevents quick exhaustion and improves uniform fixation of dyes during alkali addition by controlling quick rise of pH
CHIRIMOL T-LEV	Blend of surfactants	4.0 to 6.0	CHIRIMOL T-LEV is Tuquoise levelling agent
CHIRIMOL 65Q	Blends of organic phosphonic acid	1.5 to 2.5	CHIRIMOL 65Q is highly concentrated sequestering agent
CHIRIMOL CAN	Eco acid	2.5 to 3.5	CHIRIMOL CAN is highly ecofriendly effective neutralizing agent for alkaline neutralization. Core alkali neutralizer
CHIRIMOL AB 55	Blend of organic acid salts	4.5 to 5.5	CHIRIMOL AB 55 is acid buffer ensures reproducibility on 100% cellulose with the help of the buffering effect during the dyeing processes of reactive dyes.Buffer for 5.5 pH
CHIRIMOL CO	Fatty oil & sulfonated compound	5.0 to 6.0	CHIRIMOL CO is facilitating exhaust and continuous dyeing of gray-state cotton and polyester/cotton blends with vat, reactive or substantive dyes
CHIRIMOL POB	Organic acids and dispersant	2.0-3.0	CHIRIMOL POB is polyster one bath sequestrant, dispersant, buffering and levelling agent in dye bath

PRODUCT NAME	CHEMICAL COMPOSITION	PH RANGE	APPLICATION
CHIRIMOL RC	Sulfinic acid derrivative	9.0 - 10.0	CHIRIMOL RC is reduction clearing in acidic media for polyster
CHIRIMOL WS Pdr.	Napthalene sulphonate sodium salt	7.0-9.0	CHIRIMOL WS PDR. Is dispering agent for reactive and disperse dyes
CHIRIMOL MI	Polyacrylic acid derivative	6.0-7.0	CHIRIMOL MI is migration inhibitor in polyster/cellulose blends with disperse and vat, reactive or direct dyes, or with mixture dyes
CHIRIMOL AD	Sodium salt of polymeric organic comp.	8.5 to 9.5	CHIRIMOL AD spl is an eco friendly, non foaming fastness improver to be used in dyeing, printing and soaping

PRINTING & FLOCKING AUXILIARIES



PRODUCT NAME	CHEMICAL COMPOSITION	PH RANGE	APPLICATION
CHIRIMOL LF	Melamine formaldehyde based resin	8.0 to 9.0	CHIRIMOL LF is an excellent printing fixer which enhances the scrub fastness and wet rubbing fastness of pigment printing paste. It is especially effective for flock material
CHIRIMOL MF	Melamine formaldehyde based resin	8.0 to 10.0	CHIRIMOL MF is an excellent printing fixer which enhances the scrub fastness and wet rubbing fastness of pigment printing paste. It is especially effective for flock material
CHIRIMOL LFR	Melamine formaldehyde based resin	8.0 to 10.0	CHIRIMOL LFR is an excellent printing fixer which enhances the scrub fastness and wet rubbing fastness of pigment printing paste. It is especially effective for flock material
CHIRIMOL CCL	Melamine formaldehyde based resin	7.0 to 8.0	CHIRIMOL CCL is an excellent printing fixer which enhances the scrub fastness and wet rubbing fastness of pigment printing paste. It is especially effective for flock material
CHIRIMOL RVT	Fatty alcohol based product	8.0 to 10.0	CHIRIMOL RVT is a preparative agent as a anionic softener for nylon and viscose flock. Used as a anti sticking agent
CHIRIMOL AS	Octadecanoic acid, ammonium salt	8.5 to 10.0	CHIRIMOL AS is foam stabilizer and froth aid additive for use in foam finish, coating, latex systems and other areas requiring foam stabilization and bubble control
CHIRIMOL HDN	Performance surfactant	6.0 to 8.0	CHIRIMOL HDN is a fixation accelerator for superheated steam fixation of disperse dyes
CHIRIMOL SDF	Silicone based Defoamer	5.5 to 7.5	CHIRIMOL SDF is a silicone based defoaming agent, with good foam killing and foam restraining characteristics. Used in various industries like Textile, Leather, Petroleum, Refining, Coating Industries etc
CHIRIMOL KBI	Based on sulphonated oils	7.0 to 9.0	CHIRIMOL KBI is a speciality antifothing, wetting and penetrating agent for use in printing paste to improve print levelness and colour yield. It is conventional carrier in dyeing of polyester
CHIRIMOL EPP	Styrenated phenol ethoxylate blend.	5.0 to 8.0	CHIRIMOL EPP is a customized emulsifier for preparation of pigment emulsion systems. Used as antichoking agent
CHIRIMOL PA 10	Poly vinyl alcohol	5.0 to 7.0	CHIRIMOL PA 10 is belt to fabric gum at the time of printing
CHIRIMOL PRINT 6	Quarternary silicone emulsion	8.5 TO 9.5	CHIRIMOL PRINT 6 is quartenary hydrophilic silicone softner for binder & khadi printing
CHIRISOFT PG	Special amino silicon	4.0 to 6.0	CHIRISOFT PF gives pigment prints a pleasant, soft handle & improves the brilliance & depth of shade
CHIRIMOL RST	Sulphinic acid derivative	9.0 to 11.0	CHIRIMOL RST is a discharging agent used in printing
CHIRIMOL SPE	Wax base emulsion	6.0 to 7.0	CHIRIMOL SPE is especially useful in resin finishing to overcome loss in tensile strength and abrasion resistance of the treated goods.

PRODUCT NAME	CHEMICAL COMPOSITION	PH RANGE	APPLICATION
CHIRIMOL PS	Micro-emulsion of functional amido polysiloxanes	4.0 to 6.0	CHIRISOFT PS is designed to maximize the soft silky, body breaking & full handle with improved durability & non yellowing benefits
CHIRIMOL WM	Micro-emulsion of functional amido polysiloxanes	3.5 to 5.5	CHIRISOFT WM is stable micro emulsion. Highly effective non yellowing, durable, economical micro-amino silicone for permanent finish effects on all types of fibers
CHIRIMOL 3 PM	Amino modified polysiloxane	4.0 to 6.0	CHIRIMOL 3 PM is a concentrated micro amino silicone softener with body breaking properties
CHIRIMOL 3P LIQ.	Amino modified polysiloxane	4.0 to 6.0	CHIRIMOL 3PM is a micro amino silicone suggested for achieving extra ordinary inner softness in all type of fabrics
CHIRIMOL 3P PLUS	Micro-emulsion of functional amido polysiloxanes	4.0 to 6.0	CHIRIMOL 3P PLUS is polysiloxane micro-emulsion for the softening of all fibers
CHIRIMOL WF LIQ.	Amino modified polysiloxane	4.0 to 6.0	CHIRIMOL WF liq. is micro amino silicone suggested for achieving extra ordinary inner softness and surface feel in all type of fabrics
CHIRIMOL NTK	Micro polyurethane softener	4.0 to 5.0	CHIRIMOL NTK is quaternary silicone softener revolutionises hydrophilic handle properties and process stability in continuous finishing, resistance to alkalis and temprature
CHIRISOFT P	Amide ethylene imidazoline	4.0 to 5.0	CHIRISOFT P is a reactive type cationic softener for natural & synthetic fibers, for application by both padding and exhaust. A finishing agent loosens the fabrics , to make fluffy, bulky and extremely soft
CHIRIMOL RP	Fatty glycidyl ether	3.0 to 5.0	CHIRIMOL RP is a reactive softener for cellulosic and polyester/cellulosic blends
CHIRISOFT NIS	Hydrogenated fatty oil condensate compound	4.0 to 5.0	CHIRISOFT NIS is a nonionic softener design to impart soft, bulky handle and it shows good draping property to natural synthetics and their blends. It gives good lubricity and antistatic effects
CHIRIMOL 3P SUPER	Amino modified polysiloxane	5.0 to 6.0	CHIRIMOL 3P SUPER is a polysiloxane micro-emulsion for the softening of all type of fibers
CHIRIMOL WFF	Fatty glycidyl ether	4.0 to 6.0	CHIRIMOL WFF is a nonionic softener, excellent non yellowing, suitable for white non ionic softener
CHIRIMOL FSO	Polyalkylene glycol	7.0 to 8.0	CHIRIMOL FSO is mineral oil free foaming agent recommended especially for all types of foam application to generate foam
CHIRIMOL HD	Aliphatic polyolefin wax dispersion	6.0 to 7.5	CHIRIMOL HD is softener that improves lubricity and sewability of textile goods of all types of fibers
CHIRIMOL PE	Aliphatic polyolefin wax dispersion	8.5 to 9.5	CHIRIMOL PE is specially useful in resin finishing to give tear strength and abrasion resistance of the treated goods. It can be used as self finish or in combination with resin finishing agents on cotton & its blends with polyester to impart soft handle
CHIRIMOL PE CONC	Aliphatic polyolefin wax dispersion	8.5 to 9.5	CHIRIMOL PE is specially useful in resin finishing to give tear strength and abrasion resistance of the treated goods. It can be used as self finish or in combination with resin finishing agents on cotton & its blends with polyester to impart soft handle
CHIRIMOL BKC 25	Organic salt of quaternary ammonium comp.	5.0 to 7.0	CHIRIMOL BKC 25 is a type of cationic surfactant. It is an organic salt of quaternary ammonium compound, is used to protect natural fibers from the action of mould and fungi and as a moth repellent
CHIRIMOL DMX	Silicone emulsion	4.0 to 5.0	CHIRIMOL DMX is macro silicone emulsion suggested for achieving extra ordinary body softness in all type of fabrics
CHIRISOFT EXC 90	Quaternary comp.	5.0 to 7.0	CHIRISOFT EXC 90 is a cationic concentrated hydrophilic softener designed for knits and terry towel
CHIRIMOL TA	Dextrin derivative	8.0 to 9.0	CHIRIMOL TA is a paper glue. Its used to make paper roll, paper sheet and other paper to paper adhesion
BIOGUARD AMB 25	Quaternary compound	6.0 to 8.0	Bioguard AMB 25 is used to protect natural fibers from the action of mould and fungi and as a moth repellent
CHIRISOFT TQPM	Amide ethylene imidazoline	4.0 to 5.0	CHIRISOFT TQPM is a cationic softener to improve softness & suffelness in fabric applicable for Exhaust & Padding
CHIRISOFT TQPD	Amide ethylene imidazoline	4.0 to 6.0	CHIRISOFT TQPD is a cationic softeners which impart superb surface feel onto cellulosic fabrics

PRODUCT NAME	CHEMICAL COMPOSITION	PH RANGE	APPLICATION
CHIRIMOL 720	Emulsion of functional amido polysiloxanes	4.0 to 5.0	CHIRIMOL 720 is macro silicon softeners which is used for cotton fabrics. Applicable in Exhaust & Padding both application
CHIRIMOL SBM	Emulsion of functional amido polysiloxanes	4.0 to 5.0	CHIRIMOL SBM is a blooming agent for cotton fabrics
CHIRIMOL TTC	Hydrophilic catasilicone emulsion	4.0 to 5.0	CHIRIMOL TTC is imparts soft, bulky handle and shows good draping property to natural synthetics and their blends
CHIRIMOL NPS	Block silicone emulsion	4.0 to 6.0	CHIRIMOL NPS revolutionizes soft handle and process stability in continuous finishing. Suggested for achieving extra ordinary inner softness in all type of fabrics
CHIRIMOL TOPFIN AW	Emulsion of functional amido polysiloxanes	4.0 to 5.0	CHIRIMOL TOPFIN AW is modified block and amino silicon softener specially used for softening of high GSM satin fabrics
CHIRIMOL SU	Emulsion of functional amido polysiloxanes	5.0 to 6.0	CHIRIMOL SU is a micro silicon softener for polyester fabrics
CHIRIMOL TPE	PE emulsion	8.5 to 9.5	CHIRIMOL TPE is a tranperent PE base wax emulsion
CHIRISOFT CV	Amide ethylene imidazoline	4.0 to 5.0	CHIRISOFT CV is liquid form of reactive type cationic softener for natural & synthetic fibers. For application by both padding and exhaust methods. Excellent Hand feel with low yellowing softener for all substrates
CHIRISOFT CV 100	Amide ethylene imidazoline	7.0 to 8.5	CHIRISOFT CV 100 is a reactive type cationic softener for natural & synthetic fibers. For application by both padding and exhaust methods. Concentrated cationic softener in cake form
CHIRISOFT CWS	Amide ethylene imidazoline	4.0 to 5.0	CHIRISOFT CWS is a cold water soluble cationic softener
CHIRISOFT PCS	Catasilicone	8.0 to 8.5	CHIRISOFT PCS is a cataparaffin softener used for polyester fabrics
CHIRISOFT CWP	Catasilicone	3.0 to 5.0	CHIRISOFT CWP is cationic softener for super feel to cellulosic fabric, slightly yellowing in nature
CHIRIMOL FIXER LA	Polymer base	8.0 to 9.0	FIXER LA is stiffening and body filler for cotton and polyester.
CHIRISOFT HES	Catasilicone	4.0 to 5.0	CHIRISOFT HES is a catasilicone softeners used for cellulosic fabrics
CHIRIMOL KVS	DMDHEU resin	3.5 to 4.5	CHIRIMOL KVS is a cross-linking agent with built-in catalyst system for shock-cure process
CHIRIMOL SS	Silicone based	4.0 to 6.0	CHIRIMOL SS is combination of micro and macro silicon softener
CHIRIMOL SFT	Amide ethylene imidazoline	4.0 to 6.0	CHIRIMOL SFT is cationic softener with silicone
CHIRIMOL M18	Amino silicone	4.0 to 6.0	CHIRIMOL M 18 is combination of amino and block silicone oil which impart superb hand feel in cellulosic fabrics
CHIRISOFT TTQ	Quaternary compound	4.0 to 6.0	CHIRISOFT TTQ is a cationic softeners for cellulosic fabrics which impart hydrophilic nature
CHIRIMOL DPT	Amido polysiloxanes	4.0 to 6.0	CHIRIMOL DPT is stable APEO FREE chemical, designed to maximize the soft & full handle with improved durability & non yellowing benefits
CHIRIMOL LOTUS	Amido polysiloxanes	4.0 to 6.0	CHIRIMOL LOTUS is a macro silicone which imparts surface feel onto the cellulosic fabrics
CHIRIMOL SIH	Amido polysiloxanes	4.0 to 6.0	CHIRIMOL SIH is revolutionizes hydrophilic handle properties and process stability in continuous finishing. Suggested for achieving extra ordinary inner and surface softness in all type of fabrics
CHIRIMOL SX	Amido polysiloxanes	4.0 to 6.0	CHIRIMOL SX is a modified block silicone emulsion softener for hosiery fabric & terry towel
CHIRIMOL EL	Amido polysiloxanes	4.0 to 6.0	CHIRIMOL EL is revolutionizes hydrophilic handle properties and process stability in continuous finishing. Suggested for achieving extra ordinary inner softness in all type of fabrics
CHIRIMOL TTS	Hydrophilic silicone emulsion	5.0 to 6.0	CHIRIMOL TTS is imparts excellent hydrophilic and softening nature especially in cotton, polyester-cotton and polyester for woven, non-woven, knitted and mercerized fabrics
CHIRIMOL WF LIQ.	Amino poly silicone	5.0 to 6.0	CHIRIMOL WF liq. is micro amino silicone. Suggested for achieving extra ordinary inner softness and surface feel in all type of fabrics

PRODUCT NAME	CHEMICAL COMPOSITION	PH RANGE	APPLICATION
CHIRIMOL R 1141	Amino poly silicone	5.0 to 6.0	CHIRIMOL R 1141 is modified amino silicone emulsion softener for cellulosic fabric. Specially used for premium quality satin types of fabrics
CHIRIMOL SX 300	Hydrophillic silicon emulsion	5.0 to 6.0	CHIRIMOL SX 300 is modified block silicone emulsion softener for hosiery fabric & terry towel
CHIRIMOL SM	Amido polysiloxanes	5.0 to 6.0	CHIRIMOL SM is macro catasilicone emulsion used for soft finishing of cellulosic fabrics
CHIRIMOL GXX	Amido silicone	5.0 to 6.0	CHIRIMOL GXX is modified block silicone emulsion softener for hosiery fabrics
CHIRIMOL 544	Amido silicone	5.0 to 6.0	CHIRIMOL 544 is modified amino block silicone emulsion softener for hosiery fabrics
CHIRISOFT TQ Well	Amido silicone	5.0 to 6.0	CHIRISOFT TQ well is cationic softeners in liquid phase for cellulosic fabrics non yellowing base with excellent feel on garments
CHIRISOFT TQT	Quaternary compound	5.0 to 6.0	CHIRISOFT TQT is cationic softeners for cellulosic fabrics which imparts hydrophilic nature & give bulky feel in fabric
CHIRISOFT SFT CONC	Quaternary compound	5.0 to 6.0	CHIRISOFT SFT CONC is cationic reactive softener with high solid

AUXILIARIES OF TERRY TOWEL

PRODUCT NAME	CHEMICAL COMPOSITION	PH RANGE	APPLICATION
CHIRIMOL NTK	Micro polyurethane softener	4.0 to 5.0	CHIRIMOL NTK is quaternary silicone softener revolutionises hydrophilic handle properties and process stability in continuous finishing, resistance to alkalis and temprature
CHIRISOFT EXC 90	Quartenary comp.	5.0 to 7.0	CHIRISOFT EXC 90 is a cationic concentrated hydrophilic softener designed for knits and terry towel
CHIRIMOL HPLF	Speciality nonionic APEO/NPEO free surfactant	5.5 to 7.5	CHIRIMOL HPLF is low forming detergent for textile processing. Used in pre-scouring, boiling off or bleaching, washing in the dye bath, soaping off after dyeing
CHIRIMOL RSK spl	Sodium salt of Polymeric Organic Comp.	8.5 to 9.5	CHIRIMOL RSK spl is an eco friendly, non foaming fastness improver to be used in dyeing, printing and soaping
CHIRIMOL DF	Aliphatic poly amine derivatives in aqueous soln.	5.0 to 7.0	CHIRIMOL DF is excellent non formaldehyde dye fixing agent to improve the wash fastness of reactive and direct dyes
CHIRIMOL FBSN	Maleic-acrylic co-polymer	8.0 to 9.0	CHIRIMOL FBSN is efficient dispersant (protective colloid) & chelating agent for all stages in dyeing textiles made from cellulosic & blends. Dispersing and disaggregating agent with sequestering action on water hardening substances
CHIRIMOL CAN	Eco acid	2.5 to 3.5	CHIRIMOL CAN is highly ecofriendly effective neutralizing agent for alkaline neutralization. Core alkali neutralizer
CHIRIMOL X	Blends of organic acids	2.0 to 4.0	CHIRIMOL X is highly effective neutralizing agent for alkaline neutralization. It is a multifunctional agent which is used after alkaline pre-treatment or dyeing or during finishing
CHIRIMOL STB	Blend of organophosphonate sodium salt.	3.0 to 5.0	CHIRIMOL STB is low foaming organic stabilizer intended for use in silicate free peroxide bleaching of cottons it ensures more efficient use of peroxide for improved economics & productivity of bleaching process
CHIRIMOL 2UDI	Blends of organic acid	3.0 to 5.0	CHIRIMOL 2UDI is protonic (H ⁺) treatment for polyester/ cellulosic woven fabrics
CHIRIMOL RLA	Fatty oil sulphonated condensate	5.5 to 6.0	CHIRIMOL RLA softens dye bath by sequestering metal ions and earth alkalis. Prevents quick exhaustion and improves uniform fixation of dyes during alkali addition by controlling quick rise of pH
CHIRIMOL SAI	Blends of organic phosponic acid	1.5 to 2.5	CHIRIMOL SAI is highly concentrated sequestering agent
CHIRIMOL DF	Aliphatic poly amine derivatives in aqueous soln.	5.0 to 7.0	CHIRIMOL DF is excellent non formaldehyde dye fixing agent is used to improve washing fastness of reactive and direct dyes

PRODUCT NAME	CHEMICAL COMPOSITION	PH RANGE	APPLICATION
CHIRIMOL AD	Sodium salt of polymeric organic comp.	8.5 to 9.5	CHIRIMOL AD spl is an eco friendly, non foaming fastness improver to be used in dyeing, printing and soaping
CHIRIMOL EL	Amido polysiloxanes	4.0 to 6.0	CHIRIMOL EL revolutionizes hydrophilic handle properties and process stability in continuous finishing. Suggested for achieving extra ordinary inner softness in all type of fabrics
CHIRIMOL SX	Amido polysiloxanes	4.0 to 6.0	CHIRIMOL SX is a modified block silicon emulsion softener for hosiery fabric & terry towel
ECO ACID	Carboxylic acid compound	2.0 to 4.0	It is multifunctional agent which is used after alkaline pre-treatment or dyeing or during finishing

AUXILIARIES OF SPECIALLY DENIM

PRODUCT NAME	CHEMICAL COMPOSITION	PH RANGE	APPLICATION
CHIRIMOL NWD	Phosphate ester	6.0 to 8.0	CHIRIMOL NWD is a good wetting & low foaming padding auxiliary for continuous & semi-continuous pretreatment and dyeing process
CHIRIMOL RWA	Speciality nonionic APEO/NPEO free surfactant	6.0 to 8.0	CHIRIMOL RWA is a nonionic low foaming wetting agent for textile processing with pronounced emulsifying action & excellent stain removing properties at higher dose
CHIRIMOL DS	Fatty acid condensate compound	4.0 to 6.0	CHIRIMOL DS is a sizing softener. Its a special softener based on fatty acid condensate compound design to impart softening. It also gives good lubricity and antistatic effects
CHIRIMOL SIQ (N)	Phosphonate ammonium salt	5.0 to 7.0	CHIRIMOL SIQ is neutral low foaming organic concentrated sequestering agent
CHIRIMOL SIQ (A)	Phosphonate comp.	2.0 to 3.0	CHIRIMOL SIQ is acidic low foaming organic concentrated sequestering agent
CHIRIMOL FSO	Polyalkylene glycol	7.0 to 8.0	CHIRIMOL FSO is mineral oil free foaming agent recommended especially for all types of foam application to generate foam
CHIRIMOL WF LIQ.	Amino modified Polysiloxane	4.0 to 6.0	CHIRIMOL WF liq. is micro amino silicone. Suggested for achieving extra ordinary inner softness and surface feel in all type of fabrics
CHIRIMOL 754	Quaternary wax softener	4.0 to 6.0	CHIRIMOL 754 is quaternary wax softener revolutionises hydrophilic handle properties and high sheen
CHIRIMOL DSI	Naphthalene sulfonic acid polycondensate sodium salt.	7.0 to 9.0	CHIRIMOL DSI is high performance dispersing agent, especially suitable for high dispersion stability of dye in dyebath
CHIRIMOL MJ 200	Blend of alkyl alcohol sulphonate	10.5 to 11.5	CHIRIMOL MJ 200 is concentrated mercerizing/ wetting agent, low cost surfactant with excellent wetting and rewetting properties at low concentration
CHIRIMOL DF	Aliphatic poly amine derivatives in aqueous soln.	5.0 to 6.0	CHIRIMOL DF is excellent non formaldehyde dye fixing agent to the wash fastness of reactive and direct dyes
CHIRIMOL SDF	Silicone based defoamer	5.5 to 7.5	CHIRIMOL SDF is a silicone based defoaming agent, with good foam killing and foam restraining characteristics
CHIRIZYME CDZ	α -amylase enzyme	6.0 to 7.0	CHIRIZYME CDZ is α -amylase enzyme for high-performance desizing
CHIRIMOL MDZ	α -amylase enzyme	5.5 to 6.5	CHIRIZYME MDZ is textile desizing enzyme which hydrolyze the sizing materials like natural gums, polyvinyl alcohol and water soluble cellulose derivatives
CHIRIMOL FBSN	Maleic-acrylic co-polymer	8.0 to 9.0	CHIRIMOL FBSN is efficient dispersant (protective colloid) & chelating agent for all stages in dyeing textiles made from cellulosic & blends. Dispersing and disaggregating agent with sequestering action on water hardening substances

PRODUCT NAME	CHEMICAL COMPOSITION	PH RANGE	APPLICATION
CHIRIMOL WF LIQ.	Amino modified Polysiloxane	4.0 to 6.0	CHIRIMOL WF liq. is micro amino silicone Suggested for achieving extra ordinary inner softness and surface feel in all type of fabrics
CHIRIMOL DTC LIQ	Cryptoanionic surfactant blend	6.0 to 8.0	CHIRIMOL DTC Liq. is ideal combination for wide application in the preparatory wet processing of cellulosic and synthetics
ECO ACID	Carboxylic acid compound	2.0 to 4.0	It is multifunctional agent which is used after alkaline pre-treatment or dyeing or during finishing

AUXILIARIES OF RAYON FABRIC

PRODUCT NAME	CHEMICAL COMPOSITION	PH RANGE	APPLICATION
CHIRIZYME CDZ	α -amylase enzyme	6.0 to 7.0	CHIRIZYME CDZ is α -amylase enzyme for high-performance textile desizing
CHIRIMOL HPLM	Nonionic APEO/NPEO free surfactant	6.0 to 8.0	CHIRIMOL HPLM is low foaming detergent for textile processing. Used in pre- scouring, boiling off or bleaching etc
CHIRIMOL STB	Blend of organophosphonate sodium salt	3.0 to 5.0	CHIRIMOL STB is low foaming organic stabilizer intended for use in silicate free peroxide bleaching of cottons it ensures more efficient use of peroxide for improved economics & productivity of bleaching process
CHIRIMOL Awni	Blend of inorganic salt and surface-active agent	6.5 to 8.5	CHIRIMOL Awni is stabilizer for hydrogen peroxide bleaching
CHIRIMOL LUB	Polymeric compound	6.0 to 7.0	CHIRIMOL LUB is high molecular weight, nonionic emulsion polymer. This product provides exceptional fabric/fabric and fabric/metal lubricity. It is recommended for use in the garment processing for reduction of crack, crease & fold marks
CHIRIMOL FBSN	Maleic-acrylic co-polymer	8.0 to 9.0	CHIRIMOL FBSN is efficient dispersant (protective colloid) & chelating agent for all stages in dyeing textiles made from cellulosic & blends. Dispersing and disaggregating agent with sequestering action on water hardening substances
CHIRIMOL DF	Aliphatic poly amine derivatives in aqueous soln.	5.0 to 6.0	CHIRIMOL DF is excellent non formaldehyde dye fixing agent to the wash fastness of reactive and direct dyes
CHIRIMOL 3 PM	Amino modified polysiloxane	4.0 to 6.0	CHIRIMOL 3 PM is a concentrated micro amino silicone with body breaking
CHIRIMOL WM	Micro-emulsion of functional amido polysiloxanes	3.5 to 5.5	CHIRISOFT WM is stable micro emulsion. Highly effective non yellowing, durable, economical micro-amino silicone for permanent finish effects on all type of fibers
CHIRISOFT CV	Amide ethylene imidazoline	4.0 to 5.0	CHIRISOFT CV is liquid form of Reactive type cationic softener for natural & synthetic fibers, for application by both padding and exhaust methods
CHIRIMOL TOPFIN AW	Emulsion of functional amido polysiloxanes	4.0 to 5.0	CHIRIMOL TOPFIN AW is modified block and amino silicone softener specially used for softening of high GSM satin fabrics
CHIRIMOL SS	Silicone based	4.0 to 6.0	CHIRIMOL SS is combination of micro and macro silicone softener
CHIRISOFT TTQ	Quaternary compound	4.0 to 6.0	CHIRISOFT TTQ is a cationic softeners for cellulosic fabrics which imparts hydrophilic nature
CHIRISOFT TQPM	Amide ethylene imidazoline	4.0 to 5.0	CHIRISOFT TQPM is a catasilicone softener to improve softness & suffelness in fabric applicable for exhaust & padding method

PRODUCT NAME	CHEMICAL COMPOSITION	PH RANGE	APPLICATION
CHIRIZYME CDZ	α -amylase enzyme	6.0 to 7.0	CHIRIZYME CDZ is α -amylase enzyme for high-performance textile desizing
CHIRIMOL BX	Nonionic APEO/NPEO free surfactant	5.5 to 7.5	Chirimol BX is low foaming wetting agent, uses in scouring , bleaching etc
CHIRIMOL LFW	Speciality nonionic APEO/NPEO free surfactant	4.5 to 7.0	CHIRIMOL LFW is low forming high performance detergent designed for cotton, synthetic and blended fabrics in machines of high liquor turbulence such as jet, soft flow and package dyeing machines
CHIRIMOL HPLM	Nonionic APEO/NPEO free surfactant	6.0 to 8.0	CHIRIMOL HPLM is low foaming detergent for textile processing. Used in pre- scouring, boiling off or bleaching etc
CHIRIMOL Awni	Blend of inorganic salt and surface-active agent.	6.5 to 8.5	CHIRIMOL Awni is stabilizer for hydrogen peroxide bleaching
CHIRIMOL STB	Blend of organophosphonate sodium salt	3.0 to 5.0	CHIRIMOL STB is low foaming organic stabilizer intended for use in silicate free peroxide bleaching of cottons it ensures more efficient use of peroxide for improved economics & productivity of bleaching process
CHIRIMOL 2UDI	Blends of organic acid	3.0 to 5.0	CHIRIMOL 2UDI is protonic (H ⁺) treatment for Polyester/ cellulosic woven fabric
CHIRIMOL RLA	Fatty oil sulfonated condensate	5.5 to 6.0	CHIRIMOL RLA is softens dye bath by sequestering metal ions and earth alkalis. Prevents quick exhaustion and improves uniform fixation of dyes during alkali addition by controlling quick rise of pH
CHIRIMOL FBSN	Maleic-acrylic co-polymer	8.0 to 9.0	CHIRIMOL FBSN is efficient dispersant (protective colloid) & chelating agent for all stages in dyeing textiles made from cellulosic & blends. Dispersing and Disaggregating agent with sequestering action on water hardening substances
CHIRIMOL RSK	Sodium salt of Polymeric Organic Comp.	4.0 to 5.0	CHIRIMOL RSK is an eco friendly, non foaming fastness improver to be used in dyeing, printing and soaping
CHIRIMOL DF	Aliphatic poly amine derivatives in aqueous soln.	5.0 to 6.0	CHIRIMOL DF is excellent non formaldehyde dye fixing agent to the wash fastness of reactive and direct dyes.
CHIRIMOL DFL	DCDA derivatives in aqueous soln.	3.0 to 5.0	CHIRIMOL DFL is an excellent dye fixing agent to improve the washing fastness of reactive and direct dyes. [formaldehyde base]
CHIRIMOL WM	Micro-emulsion of functional amido polysiloxanes	3.5 to 5.5	CHIRISOFT WM is stable micro emulsion. Highly effective non yellowing, durable, economical micro-amino silicone for permanent finish effects on all types of fibers
CHIRIMOL R 1141	Amino poly silicone	5.0 to 6.0	CHIRIMOL R 1141 is modified amino silicone emulsion softener for cellulosic fabric. Specially used for premium quality satin types of fabrics
CHIRIMOL 720	Emulsion of functional amido polysiloxanes	4.0 to 5.0	CHIRIMOL 720 is macro silicone softeners which is used for cotton fabrics. Applicable in Exhaust & Padding both application

PRODUCT NAME	CHEMICAL COMPOSITION	PH RANGE	APPLICATION
CHIRIMOL PE	Aliphatic polyolefin wax dispersion	8.5 to 9.5	CHIRIMOL PE is specially useful in resin finishing to give tensile strength and abrasion resistance of the treated goods. It can be used as self finish or in combination with resin finishing agents on cotton & its blends with polyester to imparts soft handle
CHIRIMOL HD	Aliphatic polyolefin wax dispersion	6.0 to 7.5	CHIRIMOL HD is softener that improves Lubricity and Sewability of textile goods of all types of fibers
CHIRISOFT CV	Amide ethylene imidazoline	4.0 to 5.0	CHIRISOFT CV is liquid form of reactive type cationic softener for natural & synthetic fibers, for application by both padding and exhaust methods
CHIRISOFT P	Amide ethylene imidazoline	4.0 to 5.0	CHIRISOFT P is a reactive type cationic softener for natural & synthetic fibers, for application by both padding and exhaust. A finishing agent loosens the fabrics , to make fluffy, bulky and extremely soft

AUXILIARIES OF KNITS

PRODUCT NAME	CHEMICAL COMPOSITION	PH RANGE	APPLICATION
CHIRIMOL HPLM	Nonionic APEO/NPEO free surfactant	6.0 to 8.0	CHIRIMOL HPLM is low foaming detergent for textile processing. Used in pre- scouring, boiling off or bleaching etc
CHIRIMOL Awni	Blend of inorganic salt and surface-active agent	6.5 to 8.5	CHIRIMOL Awni is stabilizer for hydrogen peroxide bleaching
CHIRIMOL 2UDI	Blends of organic acid	3.0 to 5.0	CHIRIMOL 2UDI is protonic (H+) treatment for polyester/ cellulosic woven fabric
CHIRIMOL LUB	Polymeric compound	6.0 to 7.0	CHIRIMOL LUB is high molecular weight, nonionic emulsion polymer. This product provides exceptional fabric/fabric and fabric/metal lubricity. It is recommended for use in the garment processing for reduction of crack, crease & fold marks
CHIRIMOL FBSN	Maleic-acrylic co-polymer	8.0 to 9.0	CHIRIMOL FBSN is efficient dispersant (protective colloid) & chelating agent for all stages in dyeing textiles made from cellulosic & blends. Dispersing and Disaggregating agent with sequestering action on water hardening substances
CHIRIMOL RLA	Fatty oil sulphonated condensate	5.5 to 6.0	CHIRIMOL RLA is softens dye bath by sequestering metal ions and earth alkalis. Prevents quick exhaustion and improves uniform fixation of dyes during alkali addition by controlling quick rise of pH
CHIRIMOL X	Blends of organic acids	2.0 to 4.0	CHIRIMOL X is a highly effective neutralizing agent for core alkaline neutralization. It is a multifunctional agent which is used after alkaline pre-treatment or dyeing or during finishing
CHIRIZYME PKZ	Catalase enzymes	6.0 to 7.0	CHIRIZYME PKZ is enzymatic liquid catalyst for elimination of hydrogen peroxide resulting from the pretreatment process

PRODUCT NAME	CHEMICAL COMPOSITION	PH RANGE	APPLICATION
CHIRIMOL RSK	Sodium salt of polymeric organic comp.	4.0 to 5.0	CHIRIMOL RSK is eco friendly, non foaming fastness improver to be used in dyeing, printing and soaping
CHIRIMOL DF	Aliphatic poly amine derivatives in aqueous soln.	5.0 to 6.0	CHIRIMOL DF is excellent non formaldehyde dye fixing agent to the washing fastness of reactive and direct dyes
CHIRIMOL 720	Emulsion of functional amido polysiloxanes	4.0 to 5.0	CHIRIMOL 720 is macro silicon softeners which is used for cotton fabrics. Applicable in Exhaust & Padding both application
CHIRIMOL R 1141	Amino poly silicone	5.0 to 6.0	CHIRIMOL R 1141 is modified amino silicone emulsion softener for cellulosic fabric. Specially used for premium quality satin types of fabrics
CHIRIMOL WM	Micro-emulsion of functional amido polysiloxanes	3.5 to 5.5	CHIRISOFT WM is stable micro emulsion. Highly effective non yellow durable, economical micro-amino silicone for permanent finish effects on all type of fibers
CHIRISOFT CV	Amide ethylene imidazoline	4.0 to 5.0	CHIRISOFT CV is liquid form of reactive type cationic softener for natural & synthetic fibers. For application by both padding and exhaust methods
CHIRISOFT P	Amide ethylene imidazoline	4.0 to 5.0	CHIRISOFT P is a reactive type cationic softener for natural & synthetic fibers, for application by both padding and exhaust method
CHIRIMOL TTS	Hydrophillic silicone emulsion	5.0 to 6.0	CHIRIMOL TTS imparts excellent hydrophilic and softening nature especially in cotton, polyester-cotton and polyester for woven, non-woven, knitted and mercerized fabrics
CHIRIMOL TTC	Hydrophilic catasilicone emulsion	4.0 to 5.0	CHIRIMOL TTC imparts soft, bulky handle and shows good draping property to natural synthetics and their blends

AUXILIARIES OF WOOL PACKAGE

PRODUCT NAME	CHEMICAL COMPOSITION	PH RANGE	APPLICATION
CHIRIMOL HPLM	Nonionic APEO/NPEO free surfactant	6.0 to 8.0	CHIRIMOL HPLM is low foaming detergent for textile processing. Used in pre- scouring, boiling off or bleaching etc
CHIRIMOL 2UDI	Blends of organic acids	3.0 to 5.0	CHIRIMOL 2UDI is protonic (H+) treatment for polyester/ cellulosic woven fabric
CHIRIMOL X	Blends of organic acids	2.0 to 4.0	CHIRIMOL X is a highly effective neutralizing agent for core alkaline neutralization.It is a multifunctional agent which is used after alkaline pre-treatment or dyeing or during finishing
CHIRIMOL CAN	Eco acid	2.5 to 3.5	CHIRIMOL CAN is highly ecofriendly effective neutralizing agent for alkaline neutralization. Core alkali neutralizer
CHIRIMOL SMK	Nitrogenous condensate (Amphoteric)	5.0 to 7.0	CHIRIMOL SMK is an excellent leveling agent in the dyeing of wool, polyamide fibers and its blend. It can be used in all processing stage
CHIRIMOL FBSN	Maleic-acrylic co-polymer	8.0 to 9.0	CHIRIMOL FBSN is efficient dispersant (protective colloid) & chelating agent for all stages in dyeing textiles made from cellulosic & blends. Dispersing and Disaggregating agent with sequestering action on water hardening substances
CHIRIMOL RVT	Fatty alcohol based	8.0 to 10.0	CHIRIMOL RVT is a preparative agent as a anionic softener for nylon and viscose flock. Used as a anti sticking agent

AUXILIARIES OF POLYESTER



PRODUCT NAME	CHEMICAL COMPOSITION	PH RANGE	APPLICATION
CHIRIMOL XNI	Blend of APEO free surfactant & non-chlorinated solvent	6.0 to 8.0	CHIRIMOL XNI is a versatile product for one bath scouring & bleaching of cotton woven & hosiery fabric, scouring aid for wool & speciality for combined scouring & dyeing polyester fibers, yarn and fabric
CHIRIMOL RS	Blend of APEO free surfactant & non-chlorinated solvent	9.5 to 10.5	CHIRIMOL RS has effective degreasing wetting stain removal and detergency action. An APEO free efficient scouring and stain extracting agent for cellulosic, polyester and their blends in knitted and woven form
CHIRIMOL DSI	Naphthalene sulphonic acid polycondensate sodium salt	7.0 to 9.0	CHIRIMOL DSI high performance dispersing agent, especially suitable for high dispersion stability in dyeing of polyester in HTHP machines
CHIRIMOL DFT	Blend of ethylene oxide condensate	6.0 to 8.0	CHIRIMOL DFT is superior leveling agent for dyeing polyester and its blends
CHIRIMOL PESI	Blend of ethylene oxide condensate	8.0 to 9.0	CHIRIMOL PESI is superior leveling agent for polyester dyeing.
CHIRIMOL FDP	Fatty oil & sulphonated compound	3.0 to 4.0	CHIRIMOL FDP is superior leveling and dispersing agent for dyeing polyester and blends
ECO ACID	Carboxylic acid compound	2.0 to 4.0	It is multifunctional agent which is used after alkaline pre-treatment or dyeing or during finishing
CHIRIMOL CAN	Eco acid	2.5 to 3.5	CHIRIMOL CAN is highly ecofriendly effective neutralizing agent for alkaline neutralization. Core alkali neutralizer
CHIRIMOL RC	Sulfinic acid derivative	9.0 - 10.0	CHIRIMOL RC is reduction clearing in acidic media for polyester
CHIRIMOL NTK	Micro polyurethane softener	5.0 to 6.0	CHIRIMOL NTK is quaternary silicone softener revolutionises hydrophilic handle properties and process stability in continuous finishing, resistance to alkalis and temprature
CHIRIMOL NPS	Block silicon emulsion	4.0 to 6.0	CHIRIMOL NPS revolutionizes soft handle and process stability in continuous finishing. Suggested for achieving extra ordinary inner softness in all type of fabrics
CHIRIMOL SS	Silicone based	4.0 to 6.0	CHIRIMOL SS is combination of micro and macro silicon softener

IMPORTANT: The information given herein corresponds to our practical experiences and to the best of our knowledge accurate. No warranty is expressed or implied regarding the accuracy of said data. Owing to differences in local conditions, it is the user's responsibility to determine the suitability of the products described herein for their use. We disclaim any liability concerning the use of any material supplied by us.

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