



## TEXTILE AUXILIARIES

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**PRODUCT GUIDE**  
**COTTON, KNITS, TERRY**

## 1.0 PRE-TREATMENT

### 1.1 Desizing Enzyme (For Terry Towel)

PRODUCT	NATURE	FUNCTION
Chirizyme CDZ	Non-ionic	Desizing enzyme for all substrate and stable at high temperature
Chirizyme CDZ Conc.	Non-ionic	Conc. Desizing enzyme for high temperature stability
Chirizyme ODZ	Non-ionic	Desizing enzyme for wide application temperature range and used for all substrates (Pad-batch, Exhaust)

### 1.2 Wetting cum Scouring Agent

PRODUCT	NATURE	FUNCTION
Chirimol HPLF	Non-ionic	Concentrate scouring cum wetting agent, effective in low dosing.
Chirimol HPLM	Non-ionic	Suitable for high-temperature scouring, combined scouring and bleaching
Chirimol HPJS	Non-ionic	Ultra low foaming, solvent free, APEO free wetting cum detergent for cellulosic, other natural and synthetic fibers and their blends.

### 1.3 Stabilizer

PRODUCT	NATURE	FUNCTION
Chirimol AWINI	Weakly Anionic	Non Silicate based peroxy - stabilizer useful in processing of cotton, especially knitted goods & towels
Chirimol STB	Anionic	Organic stabilizer for semi-continuous and continuous silicate-free alkaline hydrogen peroxide bleaching of cotton and the cotton component in blends with sequestering power.

### 1.4 Demineralizing & Sequestering Agent

PRODUCT	NATURE	FUNCTION
Chirimol 2UDI	Anionic	Composed of inorganic salt and polymeric chelating agents efficient for metal ion chelation
Chirimol SAI	Anionic	Sequestering cum dispersing agent with high binding power of Ca & Mg.

### 1.5 Lubricating Agent

PRODUCT	NATURE	FUNCTION
Chirimol LUB	Non-ionic	Lubricating to prevent creasing, Improves running properties and Compatible with wide range of chemicals
Chirimol Q	Anionic	Lubricant to prevent creasing and improve running properties of the fabric in the wet processing of textiles

### 1.6 Core Alkali Neutralizer

PRODUCT	NATURE	FUNCTION
Chirimol X	Anionic	High performance core alkali neutralizer
ECO ACID	Anionic	Eco-friendly cost effective acid replacement

## 1.7 Bio -Polishing Agent

PRODUCT	NATURE	FUNCTION
Chirizyme BPN	Non-ionic	Neutral Cellulase enzyme for wide range of temperature
Chirizyme BPA	Non-ionic	Acidic Cellulase enzymes having effective bio wash for Garments & Fabric

## 1.8 Peroxide Killer

PRODUCT	NATURE	FUNCTION
Chirizyme PKZ	Non-ionic	Enzymatic Peroxide killer with complete peroxide removal
Chirizyme MKZ	Non-ionic	Conc. Enzymatic Peroxide killer with complete peroxide removal

# 2.0 DYEING

## 2.1 Dyebath Conditioner

PRODUCT	NATURE	FUNCTION
Chirimol SAI 26	Anionic	Excellent Dybath conditioner suitable for reactive dyeing

## 2.2 Dye Levelling Agent

PRODUCT	NATURE	FUNCTION
Chirimol RLA	Anionic	Levelling agent for reactive dyeing process
Chirimol T-LEV	Anionic	Excellent Levelling agent for Turquoise shades with Dispersing power and protective colloids Properties

## 2.3 Washing Off Agent

PRODUCT	NATURE	FUNCTION
Chirimol RSK	Anionic	Washing for Superior fastness
Chirimol DSK	Anionic	Washing off with dispersing and anti tinting properties
Chirimol FBSN	Anionic	Universal washing off with better fastness properties
Chirimol ADT	Anionic	Washing off agent with acidic pH
Chirimol AD	Anionic	Cost Effective washing off agent
Chirimol OR	Non-ionic	Non-ionic washing off agent

## 2.4 Dye Fixing Agent

PRODUCT	NATURE	FUNCTION
Chirimol DF	Cationic	Formaldehyde free Dye-Fixing Agent
Chirimol DF 400	Cationic	A polyamine based non-formaldehyde cationic dye-fixing agent for reactive dyes and direct dyes
Chirimol DF 70	Cationic	An eco-friendly, formaldehyde-free dye fixing agent for reactive dyes
Chirimol DFL	Cationic	Cost effective dye fixer

## 3.0 FINISHING

### 3.1 Handle Improvers

PRODUCT	NATURE	FUNCTION
Chirimol TTQ	Cationic	Cold water soluble paste good for surface feel.
Chirimol CV 100	Cationic	Hot Water soluble cake for good surface feel & non-yellowing
Chirisoft P Conc	Cationic	High performance blended softener with excellent surface, especially for dark shades.
Chirisoft CV	Cationic	Cationic Softener for Better hand feel
Chirisoft P	Cationic	Cationic Softener for excellent surface hand feel
Chirisoft HES	Cationic	Excellent cata silicone for surface hand feel
Chirimol HD	Non Ionic	Softener that improves the tear strength of textile goods of all types of fibers.

### 3.2 Silicone Softener For Padding

PRODUCT	NATURE	FUNCTION
Chirisoft SS	Non Ionic	Surface smoothening agent for knits cotton
Chirimol 3P Plus	Non Ionic	Micro amino silicon for excellent body breaking & softness
Chirimol GSX	Non Ionic	Excellent surface feel with softness
Chirimol DPT 32	Non Ionic	Stable APEO FREE chemical, designed to maximize the soft & full handle with improved durability & non-yellowing benefits.
Chirimol WM	Non Ionic	Stable micro emulsion. Highly effective non-yellowing, economical micro-amino silicone for permanent finish effects on all types of fibers
CHIRISOFT TQPM	Non Ionic	Excellent cata silicone for surface smoothness
CHIRISOFT TQPD	Non Ionic	Cationic softener which imparts superb surface feel onto cellulosic fabrics.
CHIRIMOL 720	Non Ionic	Macro silicon softener which is used for cotton fabrics.
CHIRIMOL SBM	Non Ionic	Blooming agent for cotton fabric
CHIRIMOL R 1141	Non Ionic	Modified amino silicon emulsion softener for cellulosic fabric. Specially used for Premium quality satin types of fabrics.
CHIRISOFT TQ Well	Cationic	Softener in liquid phase for cellulosic fabrics.

### 3.3 Shear Stable Hydrophilic Silicone For Knits & Terry

PRODUCT	NATURE	FUNCTION
Chirimol EL	Non Ionic	Block silicone, Hydrophilic silicone
CHIRIMOL SX 300	Non Ionic	Modified block silicon emulsion softener for Hosiery fabric & Terry towel.
CHIRISOFT EXC 90	Cationic	Cationic Concentrated hydrophilic softener designed for knits and terry towel
CHIRIMOL NTK	Non Ionic	Block Silicone with hydrophilic properties

**Disclaimer :** 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.

## NOTES

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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 and controlling the pollution, Chemical Division has adopted the best environmental management practices. It has designed clean and automatic manufacturing plants for a cleaner environment.

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.

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