

Sustainable Textile Solutions

by
BluWin Limited
35 Westgate, Huddersfield
HD1 1PA, United Kingdom

CERTIFICATE OF ZDHC MRSL V3.1 LEVEL 3 PRODUCT CONFORMANCE

Certificate No: 0119-BWSTSUK-ZDHCv3.1-2024-JULY-04th

Sustainable Textile Solutions by BluWin Limited declares that

HEXA BIOCHEM PVT. LTD. (CHIRIPAL Group of Industries)

Plant: Survey No. 174, Saijpur-Gopalpur, Pirana Road, Piplaj, Ahmedabad 382405;
Office: Chiripal House, Shivranjani Cross Road, Satellite, Ahmedabad 380015.
INDIA

has been assessed against

ZDHC MRSL V3.1 Level 3 Conformance Criteria Ver 2.1

and products as mentioned in the annex
conform with theses requirements.

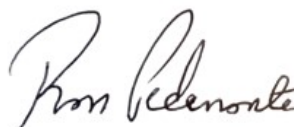
This certificate is valid from
2024 – JULY – 04th

This certificate is valid until
2027 – JULY – 03rd OR Till Validity of ZDHC MRSL v3.1

2024 – JULY – 04th



Dr. Siva Pariti – Conformance Expert



Dr. Ron Pedemonte – Vice President

Sustainable Textile Solutions

by
BluWin Limited
35 Westgate, Huddersfield
HD1 1PA, United Kingdom

ANNEX TO CERTIFICATE OF PRODUCT CONFORMANCE

Certificate No: 0119-BWSTSUK-ZDHCv3.1-2024-JULY-04th
valid until: 2027 – JULY – 03rd OR Till Validity of ZDHC MRSL v3.1

issued to

HEXA BIOCHEM PVT. LTD. (CHIRIPAL Group of Industries)

2024 – JULY – 04th

Sustainable Textile Solutions, a member of BluWin Ltd., declares that the
following **99** finished products (Textile Auxiliaries)
listed below have been assessed for

ZDHC MRSL Conformance Criteria Ver 2.1

on the basis of Safety Data Sheet assessment, Capabilities of Chemical Hazard Analysis &
TDG Classification against ZDHC MRSL v3.1 Restricted Substances,
and the company's Management System.

Sr. No.	Full Trade Name	Type / Utilisation	Date of approval	Date SDS issued-revised	Certified for L3
1	CHIRIZYME CDZ	Desizing Agent	04-07-2024	01-02-2023	YES
2	CHIRIMOL HPLF	Low-foaming Wetting Agent	04-07-2024	01-02-2023	YES
3	CHIRIMOL 2UDI	Ferric Chelating agent.	04-07-2024	01-02-2023	YES
4	CHIRIMOL SAI	Sequestering Agent	04-07-2024	01-02-2023	YES
5	CHIRIMOL SIQ	Sequestering Agent	04-07-2024	01-02-2023	YES
6	CHIRIMOL AWINI	Peroxide Stabilizer	04-07-2024	01-02-2023	YES
7	CHIRIMOL STB	Peroxide cum Levelling Agent	04-07-2024	01-02-2023	YES
8	CHIRIMOL X	Core Alkali	04-07-2024	01-02-2023	YES
9	CHIRIMOL GREEN ACID	Neutralizer	04-07-2024	01-02-2023	YES
10	CHIRIMOL T-LEV	Levelling Agent	04-07-2024	01-02-2023	YES

Sustainable Textile Solutions

by
BluWin Limited
35 Westgate, Huddersfield
HD1 1PA, United Kingdom

Sr. No.	Full Trade Name	Type / Utilisation	Date of approval	Date SDS issued-revised	Certified for L3
11	CHIRIMOL RSK	Washing Off Agent	04-07-2024	01-02-2023	YES
12	CHIRIMOL OR	Non-Ionic Washing Off	04-07-2024	01-02-2023	YES
13	CHIRIMOL DTC LIQ	Washing agent	04-07-2024	01-02-2023	YES
14	CHIRIMOL FBSN	Non foaming dispersant, complexing & soaping off agent	04-07-2024	01-02-2023	YES
15	CHIRIMOL OT	Anionic Wetting agent	04-07-2024	01-02-2023	YES
16	CHIRIMOL MR CONC.	Mercerizing/ wetting agent	04-07-2024	01-02-2023	YES
17	CHIRIMOL Q	Lubricating Agent	04-07-2024	01-02-2023	YES
18	CHIRIZYME PKZ	Peroxide killer enzyme	04-07-2024	01-02-2023	YES
19	CHIRISOFT YLN	Yarn Lubricant	04-07-2024	01-02-2023	YES
20	CHIRIMOL RWA	Wetting agent for Denim	04-07-2024	01-02-2023	YES
21	CHIRIMOL DSI	Dispersing agent, dye leveling and precipitating agent	04-07-2024	01-02-2023	YES
22	CHIRIMOL BX	Scouring cum wetting agent	04-07-2024	01-02-2023	YES
23	CHIRIMOL DFT	Levelling Agent	04-07-2024	01-02-2023	YES
24	CHIRIMOL LUB	Non-ionic Lubricating Agent	04-07-2024	01-02-2023	YES
25	CHIIRMOL HPJS	Low-foaming Wetting Agent	04-07-2024	01-02-2023	YES
26	CHIRIMOL DF	Dye fixing Agent	04-07-2024	01-02-2023	YES
27	CHIRIMOL AS	Coating Foam Stabilizer	04-07-2024	01-02-2023	YES
28	CHIRIMOL AB 55	Buffering Agent for Dyeing	04-07-2024	01-02-2023	YES
29	CHIRIMOL RLA	Reactive Levelling Agent	04-07-2024	01-02-2023	YES
30	CHIRIMOL SDF	Buffering Agent for Dyeing	04-07-2024	01-02-2023	YES

Sustainable Textile Solutions

by
BluWin Limited
35 Westgate, Huddersfield
HD1 1PA, United Kingdom

Sr. No.	Full Trade Name	Type / Utilisation	Date of approval	Date SDS issued-revised	Certified for L3
31	CHIRIMOL WM	Finishing Agent	04-07-2024	01-02-2023	YES
32	CHIRIMOL 3PM	Finishing Agent	04-07-2024	01-02-2023	YES
33	CHIRIMOL PE	Finishing Agent	04-07-2024	01-02-2023	YES
34	CHIRIMOL TTS	Terry Towel Softener	04-07-2024	01-02-2023	YES
35	CHIRIMOL TTC	Cationic Softener	04-07-2024	01-02-2023	YES
36	CHIRIMOL WF LIQ.	Finishing Agent	04-07-2024	01-02-2023	YES
37	CHIRIMOL NTK	Finishing Agent	04-07-2024	01-02-2023	YES
38	CHIRIMOL HD	Finishing Agent	04-07-2024	01-02-2023	YES
39	CHIRIMOL FSO	Finishing Agent	04-07-2024	01-02-2023	YES
40	CHIRIMOL 3P Plus	Finishing Agent	04-07-2024	01-02-2023	YES
41	CHIRIMOL 754	Finishing Agent	04-07-2024	01-02-2023	YES
42	CHIRIMOL EL	Finishing Agent	04-07-2024	01-02-2023	YES
43	CHIRIMOL SIH	Finishing Agent	04-07-2024	01-02-2023	YES
44	CHIRIMOL DMX	Micro Silicone Softener	04-07-2024	01-02-2023	YES
45	CHIRISOFT CV	Finishing Agent	04-07-2024	01-02-2023	YES
46	CHIRIMOL NID	Scouring cum wetting agent	04-07-2024	01-02-2023	YES
47	CHIRISOFT TQT	Finishing Agent	04-07-2024	01-02-2023	YES
48	CHIRIZYME BPN	Biopolishing Enzyme	04-07-2024	01-02-2023	YES
49	CHIRIMOL LXP	Finishing Agent	04-07-2024	01-02-2023	YES
50	CHIRIMOL BAM	Natural Extract Anti-microbial	04-07-2024	01-02-2023	YES

Sustainable Textile Solutions

by
BluWin Limited
35 Westgate, Huddersfield
HD1 1PA, United Kingdom

Sr. No.	Full Trade Name	Type / Utilisation	Date of approval	Date SDS issued-revised	Certified for L3
51	CHIRIMOL RS	Stain Removing Agent	04-07-2024	01-02-2023	YES
52	CHIRIMOL MMS	Moisture management Silicone Softener	04-07-2024	01-02-2023	YES
53	CHIRISOFT EXC 90	Premium Cationic Softener	04-07-2024	01-02-2023	YES
54	CHIRIMOL AD	Washing Off Agent	04-07-2024	01-02-2023	YES
55	CHIRIMOL PESI	Levelling Agent for Polyester	04-07-2024	01-02-2023	YES
56	CHIRIMOL POB	Buffering Agent for Dyeing	04-07-2024	01-02-2023	YES
57	CHIRITEX PBN	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
58	CHIRITEX ET ECO	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
59	CHIRITEX 4840	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
60	CHIRITEX HS ECO	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
61	CHIRITEX PBA	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
62	CHIRITEX K4	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
63	CHIRITEX RBC ECO	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
64	CHIRITEX 16 ECO	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
65	CHIRITEX 102 ECO	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
66	CHIRITEX EMD ECO	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
67	CHIRITEX 6535 ECO	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
68	CHIRITEX ETVS	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
69	CHIRITEX ET ECO FF	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
70	CHIRITEX MBX 5500	Printing Agent (Binder)	04-07-2024	01-02-2023	YES

Sustainable Textile Solutions

by

BluWin Limited

35 Westgate, Huddersfield

HD1 1PA, United Kingdom

Sr. No.	Full Trade Name	Type / Utilisation	Date of approval	Date SDS issued-revised	Certified for L3
71	CHIRITEX CB 1035	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
72	CHIRITEX CB 1110	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
73	CHIRITEX CB 6200	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
74	CHIRITEX CB 6500	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
75	CHIRIBOND 70	Printing Agent (Thickener)	04-07-2024	01-02-2023	YES
76	CHIRITEX 4940	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
77	CHIRITEX FB 500	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
78	CHIRIBOND DS 820	Binder/Dispersing Agent	04-07-2024	01-02-2023	YES
79	CHIRITEX 2050	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
80	CHIRITEX ECO 50	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
81	CHIRITEX 5401	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
82	CHIRITEX 4922	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
83	CHIRITEX FL 87	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
84	CHIRITEX 3640 H	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
85	CHIRITEX QC 100	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
86	CHIRITEX 3000	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
87	CHIRITEX TX 44	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
88	CHIRITEX 4900	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
89	CHIRITEX NE 30	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
90	CHIRITEX XSB	Printing Agent (Binder)	04-07-2024	01-02-2023	YES

Sustainable Textile Solutions

by
BluWin Limited
35 Westgate, Huddersfield
HD1 1PA, United Kingdom

Sr. No.	Full Trade Name	Type / Utilisation	Date of approval	Date SDS issued-revised	Certified for L3
91	CHIRITEX ST	Printing Agent (Thickener)	04-07-2024	01-02-2023	YES
92	CHIRITEX 48	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
93	CHIRITEX 780 M	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
94	CHIRITEX 359	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
95	CHIRITEX 4600	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
96	CHIRITEX 4680H	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
97	CHIRITEX FX 500	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
98	CHIRITEX 5400	Printing Agent (Binder)	04-07-2024	01-02-2023	YES
99	CHIRITEX CB 220	Printing Agent (Binder)	04-07-2024	01-02-2023	YES

Sustainable Textile Solutions

by
BluWin Limited
35 Westgate, Huddersfield
HD1 1PA, United Kingdom

CERTIFICATE OF ZDHC MRSL V3.1 LEVEL 3 PRODUCT CONFORMANCE

Certificate No: 0119-BWSTSUK-ZDHCv3.1-2024-JULY-04th
valid until: 2027 – JULY – 03rd OR Till Validity of ZDHC MRSL v3.1

issued to
HEXA BIOCHEM PVT. LTD.
(CHIRIPAL Group of Industries)

On 2024 – JULY – 04th

The list contains only those chemical products for which the
above-mentioned company applied for approval according to the
ZDHC MRSL v3.1 and approval criteria were met.

The certification is based on the Safety Data Sheet and
further documents provided by the company on the day of the assessment.

The company remains responsible for compliance and conformity with the
ZDHC MRSL Conformance Criteria Ver 2.1, and for the correctness and
completeness of the data. It should provide all the relevant updates and
information that become available after certification to BluWin Ltd.

BluWin Limited cannot be held liable for any loss or damage,
resulting from the use of these chemical products,
including the failure to meet
the **ZDHC MRSL v3.1** or **any limit values**.