

Sustainable Textile Solutions

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

CERTIFICATE OF ZDHC MRSL V3.1 LEVEL 2 / LEVEL 3 PRODUCT CONFORMANCE

Certificate No: 0027-BWSTSUK-ZDHCv3.1-2023-OCTOBER-25th

Sustainable Textile Solutions by BluWin Limited declares that

Quiterma - Indústria Química, SA
Rua dos Mogos, 190 | Apartado 5017, 4471-904 Maia - Porto
PORTUGAL

has been assessed against

ZDHC MRSL V3.1 Level 3 Conformance Criteria Ver 2.0

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

This certificate is valid from
2023 – OCTOBER – 25th

This certificate is valid until
2026 – OCTOBER – 24th OR Till Validity of ZDHC MRSL v3.1

2023 – OCTOBER – 25th



Dr. Siva Pariti – Conformance Expert



Mr. Buddhi Weerasinghe – Senior Project Officer

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ANNEX TO CERTIFICATE OF PRODUCT CONFORMANCE

Certificate No: 0027-BWSTSUK-ZDHCv3.1-2023-OCTOBER-25th
valid until: 2026 – OCTOBER – 24th OR Till Validity of ZDHC MRSL v3.1
issued to

Quiterma - Indústria Química, SA

On 2023 – OCTOBER – 25th

Sustainable Textile Solutions, a member of BluWin Ltd., declares that
the following **115** finished products (Textile Auxiliaries) listed below
have been assessed for

ZDHC MRSL Conformance Criteria Ver 2.0

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 L2	Certified for L3
1	ANTI-ESPUMANTE NS CONC	Anti-foaming agents (foam inhibitors)	25-10-2023	02-10-2023	YES	YES
2	ANTI-ESPUMANTE DES-N	Anti-foaming agents (foam inhibitors)	25-10-2023	05-08-2022	YES	YES
3	ANTI-ESPUMANTE V7	Anti-foaming agents (foam inhibitors)	25-10-2023	30-06-2022	YES	YES
4	ANTI-ESPUMANTE HTS	Anti-foaming agents (foam inhibitors)	25-10-2023	02-10-2023	YES	YES
5	AVCO-BLANK JET	Detergent, dispersing and emulsifying agent	25-10-2023	05-08-2022	YES	YES
6	BIOLUZE KCB	Detergent	25-10-2023	22-09-2023	YES	YES
7	BIOTEMOL GC-NF	Detergent, dispersing and emulsifying agent	25-10-2023	07-06-2023	YES	YES
8	BIO-TOUCH CL-G	Biopolishing Enzyme	25-10-2023	05-04-2022	YES	YES
9	BIO-TOUCH CN	Biopolishing Enzyme	25-10-2023	10-08-2023	YES	YES
10	BIO-TOUCH CT-L	Enzyme (catalase)	25-10-2023	10-08-2023	YES	YES

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11	BIO-TOUCH NL-G	Biopolishing Enzyme	25-10-2023	01-02-2023	YES	YES
12	BIOTOUCH CE	Biopolishing Enzyme	25-10-2023	18-07-2022	YES	YES
13	CALGON T	Complexing and dispersing agent	25-10-2023	05-08-2022	YES	YES
14	CALGON T LIQ	Complexing and dispersing agent	25-10-2023	05-08-2022	YES	YES
15	CALGON TL 25	Complexing and dispersing agent	25-10-2023	05-08-2022	YES	YES
16	CARESOFT UN CONC	Softener	25-10-2023	05-05-2022	YES	YES
17	CATALIZADOR FF	Catalysts for non-creasing and non-shrinking finishes	25-10-2023	04-01-2023	YES	YES
18	CATALIZADOR LA	Catalysts for non-creasing and non-shrinking finishes	25-10-2023	22-09-2023	YES	YES
19	COLA ESTAMPARIA AL	Adhesive for printing process	25-10-2023	12-07-2022	YES	YES
20	DETEMOL JET CONC	Detergent, dispersing and emulsifying agent	25-10-2023	07-06-2023	YES	YES
21	DETEMOL JW	Detergent, dispersing and emulsifying agent	25-10-2023	26-09-2023	YES	YES
22	DETEMOL JW CONC	Detergent, dispersing and emulsifying agent	25-10-2023	05-08-2022	YES	YES
23	DETEMOL STF	Detergent, dispersing and emulsifying agent	25-10-2023	03-10-2023	YES	YES
24	DISPERSINT DPS LIQ.	Dispersing agent	25-10-2023	16-05-2023	YES	YES
25	DISPERSINT EL	Dispersing and levelling agent	25-10-2023	05-08-2022	YES	YES

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26	DISPERSINT EL/S	Dispersing and levelling agent	25-10-2023	04-08-2022	YES	YES
27	EMPRINT CE	Printing thickener	25-10-2023	07-06-2023	YES	YES
28	EMSIZE CMS 60	Sizing agent	25-10-2023	22-09-2023	YES	YES
29	EMSIZE CMS 60 LIQ	Textile auxiliary	25-10-2023	19-10-2023	YES	YES
30	EMSIZE E 1	Sizing agent	25-10-2023	03-10-2023	YES	YES
31	EMSIZE E 6	Sizing agent	25-10-2023	03-10-2023	YES	YES
32	EMSIZE E 18	Sizing agent	25-10-2023	05-08-2022	YES	YES
33	HEXAFIL S	Sizing agent	25-10-2023	05-08-2022	YES	YES
34	HEXANOL 18	Sizing agent	25-10-2023	03-10-2023	YES	YES
35	HEXANOL DV	Sizing agent	25-10-2023	03-06-2022	YES	YES
36	HEXANOL T 66	Sizing agent	25-10-2023	03-10-2023	YES	YES
37	HEXANOL TV	Sizing agent	25-10-2023	12-07-2022	YES	YES
38	HEXANOL TV-P	Sizing agent	25-10-2023	03-10-2023	YES	YES
39	HEXANOL TVL	Sizing agent	25-10-2023	03-10-2023	YES	YES
40	HEXASOFT DL	Lubricant and sizing agent	25-10-2023	08-09-2023	YES	YES
41	HEXASOFT MAS	Lubricant	25-10-2023	12-07-2022	YES	YES
42	HEXASOFT SB-65	Lubricant and sizing agent	25-10-2023	22-09-2023	YES	YES
43	HEXASOFT SB-92	Lubricant and sizing agent	25-10-2023	22-09-2023	YES	YES
44	HEXASOFT SB PEROLAS	Sizing wax	25-10-2023	03-10-2023	YES	YES
45	HEXASOFT SBS-NA	Lubricant and sizing agent	25-10-2023	05-08-2022	YES	YES

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46	HEXASOFT WS CONC.	Sizing wax	25-10-2023	03-10-2023	YES	YES
47	HEXATEST FAC/FC	Complexing and dispersing agent	25-10-2023	05-08-2022	YES	YES
48	ISONAT CL	Cross-linking agent	25-10-2023	06-06-2023	YES	YES
49	PERMAFIX FF	Easy-care resin	25-10-2023	20-03-2023	YES	YES
50	PERMAFIX KSF	Easy-care resin	25-10-2023	03-05-2022	YES	YES
51	PERMAFIX NC	Easy-care resin	25-10-2023	22-09-2023	YES	YES
52	PERMAFIX NF CONC	Easy-care resin	25-10-2023	01-04-2022	YES	YES
53	PERMAGAL HL	Other textile auxiliaries	25-10-2023	27-06-2022	YES	YES
54	QUITERCID AB	Other textile auxiliaries	25-10-2023	22-09-2023	YES	YES
55	QUITERFIX DR-ECO	Fixing agent	25-10-2023	06-06-2023	YES	YES
56	QUITERFIX FF	Fixing agent	25-10-2023	04-10-2023	YES	YES
57	QUITERFIX FF-E	Fixing agent	25-10-2023	04-10-2023	YES	YES
58	QUITERFIX NFP	Fixing agent for printing	25-10-2023	06-06-2023	YES	YES
59	QUITERGARD FF	Water repellent (Non-PFC based)	25-10-2023	05-08-2022	YES	YES
60	QUITERNIL MA	Wetting agent	25-10-2023	04-10-2023	YES	YES
61	QUITERNIL MR	Wetting agent	25-10-2023	26-09-2023	YES	YES
62	QUITERNIL QW	Wetting agent	25-10-2023	04-10-2023	YES	YES
63	QUITERPON 6649	Detergent, dispersing and emulsifying agent	25-10-2023	09-10-2023	YES	YES
64	QUITERPON PNC	Detergent	25-10-2023	17-10-2023	YES	YES
65	QUITERSOFT ZCO NOVO	Softener, Lubricant	25-10-2023	05-08-2022	YES	YES

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66	QUITERVIN AND NEW	Crease preventing agent	25-10-2023	22-09-2023	YES	YES
67	QUITERVIN D-S	Crease preventing agent	25-10-2023	12-10-2023	YES	YES
68	QUITERVIN RF	Crease preventing agent	25-10-2023	05-08-2022	YES	YES
69	QUITERVIN RF CONC	Crease preventing agent	25-10-2023	05-05-2022	YES	YES
70	QUITERYON AT-A	Anti-foaming agents (foam inhibitors)	25-10-2023	30-06-2022	YES	YES
71	QUITERZIM STC-G	Enzymes	25-10-2023	10-08-2023	YES	YES
72	QUITEST 1096-E	Complexing and dispersing agent	25-10-2023	03-06-2022	YES	YES
73	QUITEST F	Complexing and dispersing agent	25-10-2023	26-09-2023	YES	YES
74	QUITEST HSF-E	Peroxide stabilizer	25-10-2023	27-03-2023	YES	YES
75	QUITEST NZP	Complexing and dispersing agent	25-10-2023	05-08-2022	YES	YES
76	QUITEST ROD	Peroxide stabilizer	25-10-2023	09-10-2023	YES	YES
77	QUITEST WXF	Soaping	25-10-2023	06-06-2023	YES	YES
78	RESAPREN A	Resin. Filling and stiffening agents	25-10-2023	22-09-2023	YES	YES
79	RESAPREN AC-V	Resin. Filling and stiffening agents	25-10-2023	26-09-2023	YES	YES
80	RESAPREN AT CONC	Resin. Filling and stiffening agents	25-10-2023	22-09-2023	YES	YES
81	RESAPREN EF-HD	Resin. Filling and stiffening agents	25-10-2023	09-01-2023	YES	YES
82	RESAPREN EF-NI	Resin. Filling and stiffening agents	25-10-2023	05-04-2022	YES	YES
83	SILSOFT APS	Softener	25-10-2023	22-09-2023	YES	YES
84	SILSOFT APS-E	Softener	25-10-2023	22-09-2023	YES	YES
85	SILSOFT CORE	Softener	25-10-2023	09-10-2023	YES	YES

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86	SILSOFT DP	Softener	25-10-2023	09-10-2023	YES	YES
87	SILSOFT G-MI	Softener	25-10-2023	22-09-2023	YES	YES
88	SILSOFT HNA	Softener	25-10-2023	26-09-2023	YES	YES
89	SILSOFT HSD	Softener	25-10-2023	11-10-2023	YES	YES
90	SILSOFT HSE	Softener	25-10-2023	11-10-2023	YES	YES
91	SILSOFT HSS	Softener	25-10-2023	27-06-2022	YES	YES
92	SILSOFT MA-G	Softener	25-10-2023	11-10-2023	YES	YES
93	SILSOFT MES-G	Softener	25-10-2023	22-09-2023	YES	YES
94	SILSOFT MHI	Softener	25-10-2023	11-10-2023	YES	YES
95	SILSOFT MI-G	Softener	25-10-2023	06-06-2023	YES	YES
96	SILSOFT NH	Softener	25-10-2023	10-05-2022	YES	YES
97	SILSOFT NHJ	Softener	25-10-2023	05-08-2022	YES	YES
98	SILSOFT NYH	Softener	25-10-2023	16-10-2023	YES	YES
99	SILSOFT SM	Softener	25-10-2023	06-06-2023	YES	YES
100	SILSOFT SS	Softener	25-10-2023	06-06-2023	YES	YES
101	SILSOFT ST-50	Softener	25-10-2023	22-09-2023	YES	YES
102	SILSOFT STR	Softener	25-10-2023	22-09-2023	YES	YES
103	SILSOFT T-85	Softener	25-10-2023	29-09-2023	YES	YES
104	SILSOFT THD	Softener	25-10-2023	16-10-2023	YES	YES
105	SILSOFT UST	Softener	25-10-2023	29-09-2023	YES	YES

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106	SIZE TGV	Sizing additive	25-10-2023	05-08-2022	YES	YES
107	SOFTINE HL	Softener	25-10-2023	22-09-2023	YES	YES
108	SOFTINE NFL	Softener	25-10-2023	20-05-2022	YES	YES
109	SOFTINE NI	Softener	25-10-2023	06-06-2023	YES	YES
110	SOFTINE NI CONC	Softener	25-10-2023	06-06-2023	YES	YES
111	SOFTLENE GSE	Softener	25-10-2023	22-09-2023	YES	YES
112	SOFTLENE PT	Softener	25-10-2023	22-09-2023	YES	YES
113	SOFTLENE PT CONC	Softener	25-10-2023	22-09-2023	YES	YES
114	HEXANOL PVG	Textile auxiliary	25-10-2023	05-08-2022	YES	YES
115	HEXASOFT D-LH	Textile auxiliary	25-10-2023	24-10-2023	YES	YES

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Certificate No: 0027-BWSTSUK-ZDHCv3.1-2023-OCTOBER-25th
valid until: 2026 – OCTOBER – 24th OR Till Validity of ZDHC MRSL v3.1

issued to

Quiterma - Indústria Química, SA

On 2023 – OCTOBER – 25th

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 2.0**, 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**.