

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: 0012-BWSTSUK-ZDHCv3.1-2023-AUGUST-14th

Sustainable Textile Solutions by BluWin Limited declares that

Indorama Ventures Oxides Ankleshwar Pvt. Limited

Plant: Plot. 321, Panoli GIDC, Tal. Ankleshwar, Dist. Bharuch, Gujarat 394116
Corporate office: 6th Floor, B Wing, Marwah Centre, Krishanlal Marwah Marg,
Mumbai, Maharashtra - 400072
INDIA

has been assessed against

ZDHC MRSL V3.1 Level 3 Conformance Criteria Ver 2.0

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

This certificate is valid from
2023 – AUGUST – 14th

This certificate is valid until
2026 – AUGUST – 13th OR Till Validity of ZDHC MRSL v3.1

2023 – AUGUST – 14th



Dr. Siva Pariti – Conformance Expert



Mr. Omar Orrego – General Manager

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ANNEX TO CERTIFICATE OF PRODUCT CONFORMANCE

Certificate No: 0012-BWSTSUK-ZDHCv3.1-2023-AUGUST-14th
valid until: 2026 – AUGUST – 13th OR Till Validity of ZDHC MRSL v3.1

issued to

Indorama Ventures Oxides Ankleshwar Pvt. Limited

2023 – AUGUST – 14th

Sustainable Textile Solutions, a member of BluWin Ltd., declares that the following **77** 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	SURFONIC ECP CONC	Crease-preventing Agent	14-08-2023	21-12-2022	YES	YES
2	SURFONIC PCL	Crease-preventing Agent	14-08-2023	21-12-2022	YES	YES
3	SURFONIC PKO	Organic Peroxide killer	14-08-2023	21-12-2022	YES	YES
4	SURFONIC PLA	Levelling Agent	14-08-2023	14-07-2023	YES	YES
5	SURFONIC RHPT	Printing Thickener	14-08-2023	21-12-2022	YES	YES
6	SURFONIC ACH	Crease-preventing Agent	14-08-2023	08-11-2022	YES	YES
7	SURFONIC ACL	Crease-preventing Agent	14-08-2023	08-11-2022	YES	YES
8	SURFONIC ACM	Crease-preventing Agent	14-08-2023	08-11-2022	YES	YES
9	SURFONIC AIR D	Dyeing, Wetting & De-aeration Agents	14-08-2023	21-12-2022	YES	YES
10	SURFONIC AN	Pre-treatment Agents	14-08-2023	08-11-2022	YES	YES

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11	SURFONIC CL 5050	pH-regulators	14-08-2023	24-07-2023	YES	YES
12	SURFONIC CN NEW	Pre-treatment Agents	14-08-2023	21-12-2022	YES	YES
13	SURFONIC CNW	Pre-treatment Agents	14-08-2023	21-12-2022	YES	YES
14	SURFONIC CPA	Padding Auxiliaries	14-08-2023	08-11-2022	YES	YES
15	SURFONIC DC	Dispersing agents and protective colloids	14-08-2023	08-11-2022	YES	YES
16	SURFONIC EXF	Pre-treatment Agents	14-08-2023	21-12-2022	YES	YES
17	SURFONIC EXL	Pre-treatment Agents	14-08-2023	21-12-2022	YES	YES
18	SURFONIC EXPR	Pre-treatment Agents	14-08-2023	21-12-2022	YES	YES
19	SURFONIC EXW	Pre-treatment Agents	14-08-2023	21-12-2022	YES	YES
20	SURFONIC EXW CONC	Pre-treatment Agents	14-08-2023	21-12-2022	YES	YES
21	SURFONIC FIX ET	Fastness Improver	14-08-2023	08-11-2022	YES	YES
22	SURFONIC FIX FF	Fastness Improver	14-08-2023	08-11-2022	YES	YES
23	SURFONIC FTR	Dispersing agents and protective colloids	14-08-2023	08-11-2022	YES	YES
24	SURFONIC HSR	Pre-treatment Agents	14-08-2023	21-12-2022	YES	YES
25	SURFONIC MERC WA	Pre-treatment Agents	14-08-2023	25-07-2023	YES	YES
26	SURFONIC PBN	Binder	14-08-2023	08-11-2022	YES	YES
27	SURFONIC PES 4050	pH-regulators	14-08-2023	25-07-2023	YES	YES
28	SURFONIC PLD	Levelling Agent	14-08-2023	08-11-2022	YES	YES
29	SURFONIC PRO	Pre-treatment Agents	14-08-2023	21-12-2022	YES	YES
30	SURFONIC PT	Dyeing & Printing Auxiliaries	14-08-2023	08-11-2022	YES	YES

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31	SURFONIC PW	Soaping Agent	14-08-2023	08-11-2022	YES	YES
32	SURFONIC QUEST CN	Sequestering Agent	14-08-2023	08-11-2022	YES	YES
33	SURFONIC QUEST EX	Sequestering Agent	14-08-2023	08-11-2022	YES	YES
34	SURFONIC QUEST MEX	Sequestering Agent	14-08-2023	08-11-2022	YES	YES
35	SURFONIC RLD	Levelling Agent	14-08-2023	08-11-2022	YES	YES
36	SURFONIC RPT	Printing Thickener	14-08-2023	08-11-2022	YES	YES
37	SURFONIC RS	Soaping Agent	14-08-2023	08-11-2022	YES	YES
38	SURFONIC SA	Soaping Agent	14-08-2023	08-11-2022	YES	YES
39	SURFONIC STAB CN	Bleaching Auxiliaries	14-08-2023	08-11-2022	YES	YES
40	SURFONIC STAB EX	Bleaching Auxiliaries	14-08-2023	08-11-2022	YES	YES
41	SURFONIC WDN	Preparation Agent	14-08-2023	08-11-2022	YES	YES
42	SURFONIC WS	Dispersing agents	14-08-2023	21-12-2022	YES	YES
43	UNIMAX EC FFR	Resins	14-08-2023	08-11-2022	YES	YES
44	UNIMAX LUBE YS	Softening Agent	14-08-2023	08-11-2022	YES	YES
45	UNIMAX AM	Softening Agent	14-08-2023	08-11-2022	YES	YES
46	UNIMAX CSF	Softening Agent	14-08-2023	08-11-2022	YES	YES
47	UNIMAX CSI	Softening Agent	14-08-2023	08-11-2022	YES	YES
48	UNIMAX EC LFR	Resins	14-08-2023	08-11-2022	YES	YES
49	UNIMAX FCH	Softening Agent	14-08-2023	08-11-2022	YES	YES
50	UNIMAX FCW	Softening Agent	14-08-2023	08-11-2022	YES	YES

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51	UNIMAX GS	Softening Agent	14-08-2023	08-11-2022	YES	YES
52	UNIMAX HSF	Softening Agent	14-08-2023	25-07-2023	YES	YES
53	UNIMAX KHS LIQ	Softening Agent	14-08-2023	25-07-2023	YES	YES
54	UNIMAX KHS NEW	Softening Agent	14-08-2023	08-11-2022	YES	YES
55	UNIMAX LUBE YL	Finishing Agent	14-08-2023	08-11-2022	YES	YES
56	UNIMAX OS	Softening Agent	14-08-2023	08-11-2022	YES	YES
57	UNIMAX SF	Softening Agent	14-08-2023	08-11-2022	YES	YES
58	UNIMAX TFH	Softening Agent	14-08-2023	08-11-2022	YES	YES
59	UNIMAX TFH NEW	Softening Agent	14-08-2023	08-11-2022	YES	YES
60	UNIMAX TSI	Finishing Agent	14-08-2023	08-11-2022	YES	YES
61	POGOL ENZ SCOUR	Bio scouring agent	14-08-2023	08-11-2022	YES	YES
62	POGOL ACP	Bio Polishing Agent	14-08-2023	08-11-2022	YES	YES
63	POGOL NEP	Bio Polishing Agent	14-08-2023	08-11-2022	YES	YES
64	POGOL EZ	Desizing Agent	14-08-2023	08-11-2022	YES	YES
65	SURFONIC PKX	Enzymatic Peroxide Killer	14-08-2023	08-11-2022	YES	YES
66	POGOL ACP CONC	Conc. Bio Polishing Agent	14-08-2023	25.07.2023	YES	YES
67	POGOL NEP CONC	Conc. Bio Polishing Agent	14-08-2023	24.07.2023	YES	YES
68	POGOL EZC	Conc. Desizing Agent	14-08-2023	08-11-2022	YES	YES
69	SURFONIC PL 210	Polyester dyeing Levelling Agent	14-08-2023	01-08-2023	YES	YES
70	SURFONIC WS 260	Polyester dyeing Dispersing Agent	14-08-2023	01-08-2023	YES	YES

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Sr. No.	Full Trade Name	Type / Utilisation	Date of approval	Date SDS issued-revised	Certified for L2	Certified for L3
71	SURFONIC DL 375	Polyester dyeing Levelling Agent	14-08-2023	01-08-2023	YES	YES
72	UNIMAX ES	Softening Agent	14-08-2023	01-08-2023	YES	YES
73	SURFONIC SRPV	PVA Size remover for polyester	14-08-2023	01-08-2023	YES	YES
74	SURFONIC PHSR	Stain remover for polyester	14-08-2023	01-08-2023	YES	YES
75	SURFONIC PSF-01	Polyester fibre Spin Finish	14-08-2023	01-08-2023	YES	YES
76	SURFONIC PSF-02	Polyester fibre Spin Finish	14-08-2023	01-08-2023	YES	YES
77	SURFONIC PFY	Spin Finish for Polyester Filament Yarn	14-08-2023	01-08-2023	YES	YES

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On 2023 – AUGUST – 14th

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**.