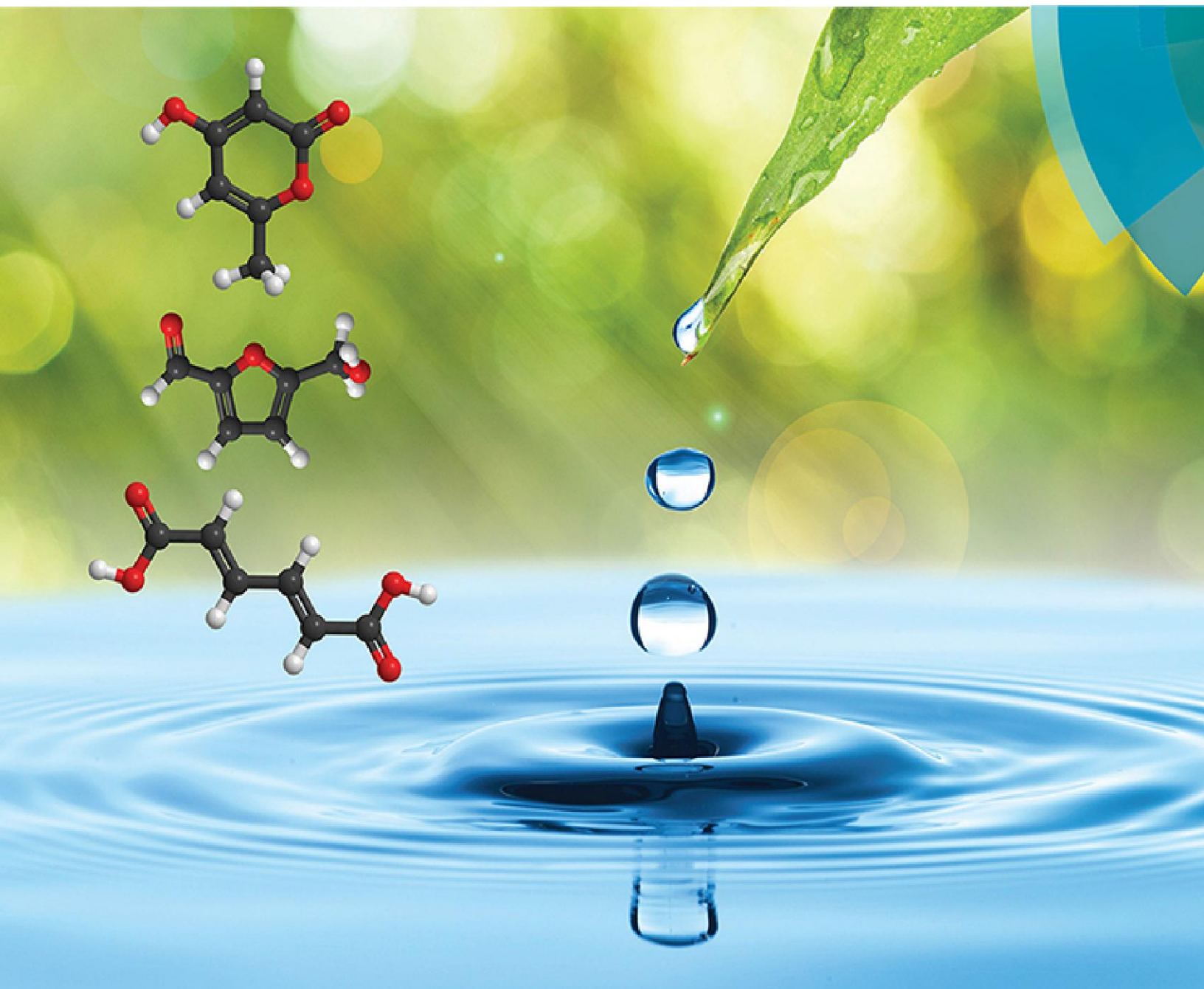


06<sup>th</sup> March 2019

# ZDHC POSITIVE LIST

<http://www.jaychemical.com/quality-compliance.php>



Ø **ZDHC**  
CONTRIBUTOR

**JAY Chemical Industries Limited**

Jay House, Panchvati Circle  
 Ambawadi, Ahmedabad  
 India – 380006

## Declaration of conformance

We **JAY Chemical Industries Ltd**, hereby confirm, that the chemical substances named in road Map towards Zero Discharge of Hazardous chemicals (**ZDHC MRSL 2015 Version 1.1**) are not used, either as reagents or as components of functional formulation, in the manufacture of Jakazol and Jakofix brand of Reactive dye.

We further confirm that none of these 11 priority chemicals listed in joint road map are used as intentional ingredients of our manufacturing process. All our products are qualified to support the joint Road map and Jay Chemical Industries Limited has committed support all the partners in the Textile supply chain towards ZDHC.

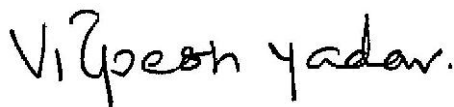
APEOs/NPEs	Organotin compounds
Brominated and Chlorinated flame retardants	Perfluorinated chemicals (PFCs)
Chlorinated solvents	Phthalates (Ortho –Phthalates)
Chlorobenzenes and chlorotoluenes	Short-Chain chlorinated paraffins (SCCPs)
Chlorophenols	Hazardous dyes (Banned Azo, Allergic , Carcinogenic)
Heavy Metals (cadmium, mercury, lead, chromium (VI))	

\*Azo dyes that can undergo reductive cleavage of the azo bond(s) to release carcinogenic amines as defined in XVII of REACH

We have assessed all our products and the below positive list will conform the requirements of Restricted Substances List of all the brands that have signed up with Version 1.1 of ZDHC road map when applied to the textiles as per our recommendation. The fastness properties and characteristics of waste water depend on the factors other than the dyes and hence not covered under the scope of this declaration

This declaration does not absolve the user from making their own tests and controls to ensure that the finished textile article conforms to the requirements of individual brands

For **Jay Chemical Industries Ltd**



Vilpesh Yadav  
 QA Head

PRODUCT NAME	Remarks	RSL requirement of ZDHC* brands Children <14 years	RSL requirement of ZDHC* brands Adults > 14 years	General remarks
JAKAZOL AMBER SLR	10	A	A	
JAKAZOL AZURE TRL	<1.50% copper	B	A	3
JAKAZOL BLACK ANN	8	A	A	
JAKAZOL BLACK B	8	A	A	
JAKAZOL BLACK B 133	8	A	A	
JAKAZOL BLACK B 150	8	A	A	
JAKAZOL BLACK BB	8	A	A	
JAKAZOL BLACK BF	8	A	A	
JAKAZOL BLACK BG	8	A	A	
JAKAZOL BLACK B-H	8	A	A	
JAKAZOL BLACK BN 150	8	A	A	
JAKAZOL BLACK BS	8	A	A	
JAKAZOL BLACK B-SKF	8	A	A	
JAKAZOL BLACK CE	8	A	A	
JAKAZOL BLACK CECL	8	A	A	
JAKAZOL BLACK CECL-N	8	A	A	
JAKAZOL BLACK CEF	8	A	A	
JAKAZOL BLACK CEFL	8	A	A	
JAKAZOL BLACK CELB	8	A	A	
JAKAZOL BLACK CELS	8	A	A	
JAKAZOL BLACK CE-RWF	8	A	A	
JAKAZOL BLACK CI 5 MG	8	A	A	
JAKAZOL BLACK DNC	8	A	A	
JAKAZOL BLACK DSDDN	8	A	A	
JAKAZOL BLACK DSDG	8	A	A	
JAKAZOL BLACK DSDN	8	A	A	
JAKAZOL BLACK DSDR	8	A	A	
JAKAZOL BLACK DSG	8	A	A	
JAKAZOL BLACK DSGG	8	A	A	
JAKAZOL BLACK DSR	8	A	A	
JAKAZOL BLACK EF	5	A	A	
JAKAZOL BLACK EFA	5	A	A	
JAKAZOL BLACK EX-D	8	A	A	
JAKAZOL BLACK GRD	8	A	A	
JAKAZOL BLACK GRL	8	A	A	
JAKAZOL BLACK HDR	8	A	A	
JAKAZOL BLACK HFGRP EX NEW	8	A	A	

PRODUCT NAME	Remarks	RSL requirement of ZDHC* brands Children <14 years	RSL requirement of ZDHC* brands Adults > 14 years	General remarks
JAKAZOL BLACK J 150C	8	A	A	
JAKAZOL BLACK JD	8	A	A	
JAKAZOL BLACK JNNN	8	A	A	
JAKAZOL BLACK KC	8	A	A	
JAKAZOL BLACK MHSC	8	A	A	
JAKAZOL BLACK MIX C036C	8	A	A	
JAKAZOL BLACK N 150C	8	A	A	
JAKAZOL BLACK PP	<3.00% Copper	B	A	3
JAKAZOL BLACK RL	<3.50% Copper	B	A	3
JAKAZOL BLACK SF	7	A	A	
JAKAZOL BLACK SJ	8	A	A	
JAKAZOL BLACK SJB	8	A	A	
JAKAZOL BLACK SJC	8	A	A	
JAKAZOL BLACK SJN	8	A	A	
JAKAZOL BLACK SLG	8	A	A	
JAKAZOL BLACK SLR	7	A	A	
JAKAZOL BLACK SX2	6	A	A	
JAKAZOL BLACK TRL	10	A	A	
JAKAZOL BLACK WN	8	A	A	
JAKAZOL BLACK X-B	8	A	A	
JAKAZOL BLACK XLG	8	A	A	
JAKAZOL BLACK XLN	8	A	A	
JAKAZOL BLACK XLS	8	A	A	
JAKAZOL BLUE 3R	<3.00% Copper	B	A	3
JAKAZOL BLUE BB	<3.00% Copper	B	A	3
JAKAZOL BLUE BB HC	<3.00% Copper	B	A	3
JAKAZOL BLUE CE	<2.00% copper	B	A	3
JAKAZOL BLUE CF-R	<3.00% Copper	B	A	3
JAKAZOL BLUE DDR	<1.50% Copper	B	A	3
JAKAZOL BLUE DS	<1.00% Copper	B	A	3
JAKAZOL BLUE HLF	<2.50% Copper	B	A	3
JAKAZOL BLUE HQ	<3.00% Copper	B	A	3
JAKAZOL BLUE JGB	11	B	A	3
JAKAZOL BLUE LD	<1.00% Copper	B	A	3
JAKAZOL BLUE LDN	<1.00% Copper	B	A	3
JAKAZOL BLUE PP	<3.00% Copper	B	A	3
JAKAZOL BLUE R		A	A	

PRODUCT NAME	Remarks	RSL requirement of ZDHC* brands Children <14 years	RSL requirement of ZDHC* brands Adults > 14 years	General remarks
JAKAZOL BLUE TRL	10	A	A	
JAKAZOL BLUE WLT	10	A	A	
JAKAZOL BRILLIANT BLUE DSG		A	A	
JAKAZOL BRILLIANT BLUE R		A	A	
JAKAZOL BRILLIANT BLUE RE 150		A	A	
JAKAZOL BRILLIANT BLUE RE 200		A	A	
JAKAZOL BRILLIANT BLUE R-SP		A	A	
JAKAZOL BRILLIANT BLUE R-SP 200		A	A	
JAKAZOL BRILLIANT BLUE SD		A	A	
JAKAZOL BRILLIANT BLUE TRL	<3.00% Copper	B	A	3
JAKAZOL BRILLIANT BLUE WLT	<2.50% Copper	B	A	3
JAKAZOL BRILLIANT ORANGE SF	10	A	A	
JAKAZOL BRILLIANT RED CE	10	A	A	
JAKAZOL BRILLIANT RED D3GL	10	A	A	
JAKAZOL BRILLIANT RED DS2B	10	A	A	
JAKAZOL BRILLIANT RED DS2R	10	A	A	
JAKAZOL BRILLIANT RED DSR		A	A	
JAKAZOL BRILLIANT RED GFM		A	A	
JAKAZOL BRILLIANT RED RB 133	10	A	A	
JAKAZOL BRILLIANT RED RB-T	10	A	A	
JAKAZOL BRILLIANT RED WLT	10	A	A	
JAKAZOL BRILLIANT RED XS	10	A	A	
JAKAZOL BRILLIANT YELLOW SD		A	A	
JAKAZOL BROWN GR		A	A	
JAKAZOL BROWN PP		A	A	
JAKAZOL CARMINE DS		A	A	
JAKAZOL CHERRY CE		A	A	
JAKAZOL COBALT BLUE TRL	<3.00% Copper	B	A	3
JAKAZOL CRIMSON SLR		A	A	
JAKAZOL CRIMSON TRL		A	A	
JAKAZOL DARK BLUE SF		A	A	
JAKAZOL DARK BLUE WLT		A	A	
JAKAZOL DARK BLUE SQ		A	A	
JAKAZOL DEEP BLACK J 150	8	A	A	
JAKAZOL DEEP BLACK N 150	8	A	A	
JAKAZOL DEEP BLACK PP	8	A	A	
JAKAZOL DEEP ORANGE 2RD		A	A	

PRODUCT NAME	Remarks	RSL requirement of ZDHC* brands Children <14 years	RSL requirement of ZDHC* brands Adults > 14 years	General remarks
JAKAZOL DEEP RED CE	10	A	A	
JAKAZOL DEEP RED SLR	6	A	A	
JAKAZOL DEEP YELLOW TRL	10	A	A	
JAKAZOL FAST RED XF		A	A	
JAKAZOL FUCHSIA CF-HC	10	A	A	
JAKAZOL GOLD PP	6	A	A	
JAKAZOL GOLDEN YELLOW CF-HC	10	A	A	
JAKAZOL GOLDEN YELLOW HRNL	6	A	A	
JAKAZOL GOLDEN YELLOW HRNL 150	6	A	A	
JAKAZOL GOLDEN YELLOW PGR	6	A	A	
JAKAZOL GOLDEN YELLOW R	6	A	A	
JAKAZOL GOLDEN YELLOW RNL SF	6	A	A	
JAKAZOL GOLDEN YELLOW SLR	10	A	A	
JAKAZOL GOLDEN YELLOW WLT	10	A	A	
JAKAZOL GOLDEN YELLOW WLTP	<20 ppm PCA	A	A	
JAKAZOL GREEN 6B	<3.00% Nickel	B	A	3
JAKAZOL GREEN 6B 180	<3.50% Nickel	B	A	3
JAKAZOL GREEN PP	<3.00% Nickel	B	A	3
JAKAZOL GREEN V6B	<3.00% Nickel	B	A	3
JAKAZOL JET BLACK 1040	8	A	A	
JAKAZOL KALA SN	8	A	A	
JAKAZOL KALA SR	8	A	A	
JAKAZOL LEMON TRL	10	A	A	
JAKAZOL LEMON WLT	10	A	A	
JAKAZOL LEMON YELLOW SD		A	A	
JAKAZOL MARINE SLR	10	A	A	
JAKAZOL MARINE TRL	10	A	A	
JAKAZOL MAROON PP		A	A	
JAKAZOL NAVY BLUE BR	6	A	A	
JAKAZOL NAVY BLUE BR HC	8	A	A	
JAKAZOL NAVY BLUE GG	6	A	A	
JAKAZOL NAVY BLUE GG 145		A	A	
JAKAZOL NAVY BLUE GGS	6	A	A	
JAKAZOL NAVY CE	6	A	A	
JAKAZOL NAVY CF-B	8	A	A	
JAKAZOL NAVY DS	8	A	A	
JAKAZOL NAVY DSED	6	A	A	

PRODUCT NAME	Remarks	RSL requirement of ZDHC* brands Children <14 years	RSL requirement of ZDHC* brands Adults > 14 years	General remarks
JAKAZOL NAVY DSG	6	A	A	
JAKAZOL NAVY HQ		A	A	
JAKAZOL NAVY JB	8	A	A	
JAKAZOL NAVY JGB	6	A	A	
JAKAZOL NAVY JGBG	6	A	A	
JAKAZOL NAVY PP	8	A	A	
JAKAZOL NAVY SF	6	A	A	
JAKAZOL NAVY SLR	8	A	A	
JAKAZOL NAVY SUPRA	8	A	A	
JAKAZOL NAVY TRL		A	A	
JAKAZOL NAVY WLT	10	A	A	
JAKAZOL NAVY WLTLP	<20 ppm PCA	A	A	
JAKAZOL NAVY XS	8	A	A	
JAKAZOL ORANGE 2R	6	A	A	
JAKAZOL ORANGE 3R	6	A	A	
JAKAZOL ORANGE BN	6	A	A	
JAKAZOL ORANGE CE	10	A	A	
JAKAZOL ORANGE CE HC	10	A	A	
JAKAZOL ORANGE CEL	10	A	A	
JAKAZOL ORANGE CF-R	10	A	A	
JAKAZOL ORANGE DS	10	A	A	
JAKAZOL ORANGE LD		A	A	
JAKAZOL ORANGE PP	10	A	A	
JAKAZOL RED 3B-T	<2.50% Copper	B	A	3
JAKAZOL RED 5B		A	A	
JAKAZOL RED 5BN		A	A	
JAKAZOL RED B		A	A	
JAKAZOL RED BB		A	A	
JAKAZOL RED C2GL	6	A	A	
JAKAZOL RED CE	10	A	A	
JAKAZOL RED CE NEW	10	A	A	
JAKAZOL RED CEN	10	A	A	
JAKAZOL RED CE-NN	10	A	A	
JAKAZOL RED DD3R	10	A	A	
JAKAZOL RED DDR	10	A	A	
JAKAZOL RED DS	10	A	A	
JAKAZOL RED DS3B	10	A	A	

PRODUCT NAME	Remarks	RSL requirement of ZDHC* brands Children <14 years	RSL requirement of ZDHC* brands Adults > 14 years	General remarks
JAKAZOL RED DSB		A	A	
JAKAZOL RED DSBN		A	A	
JAKAZOL RED GD	6	A	A	
JAKAZOL RED GF	6	A	A	
JAKAZOL RED GF-2BD	6	A	A	
JAKAZOL RED HLF		A	A	
JAKAZOL RED HQ		A	A	
JAKAZOL RED JG		A	A	
JAKAZOL RED LD	10	A	A	
JAKAZOL RED LDN	10	A	A	
JAKAZOL RED PP		A	A	
JAKAZOL RED RB	10	A	A	
JAKAZOL RED SF		A	A	
JAKAZOL RED SF2B		A	A	
JAKAZOL RED SLR	10	A	A	
JAKAZOL RED SR-F	10	A	A	
JAKAZOL RED TRL	10	A	A	
JAKAZOL RED VRB	10	A	A	
JAKAZOL RED XS	10	A	A	
JAKAZOL ROYAL FR		A	A	
JAKAZOL ROYAL PP		A	A	
JAKAZOL ROYAL SLR		A	A	
JAKAZOL ROYAL SLRF		A	A	
JAKAZOL RUBY DSB		A	A	
JAKAZOL SAPPHIRE CE		A	A	
JAKAZOL SCARLET CE		A	A	
JAKAZOL SCARLET CF-HC	10	A	A	
JAKAZOL SUPER BLACK RC	8	A	A	
JAKAZOL SUPER BLACK SQR	8	A	A	
JAKAZOL TURQUOISE BLUE G 166	<2.80% Copper	B	A	3
JAKAZOL TURQUOISE BLUE PG	<2.50% Copper	B	A	3
JAKAZOL TURQUOISE BLUE PGR HC	<2.50% Copper	B	A	3
JAKAZOL TURQUOISE CF-G	<2.80% Copper	B	A	3
JAKAZOL TURQUOISE G	<2.80% Copper	B	A	3
JAKAZOL TURQUOISE G 266	<2.50% Copper	B	A	3
JAKAZOL TURQUOISE G 266 ND	<2.80% Copper	B	A	3
JAKAZOL TURQUOISE GB	<2.80% Copper	B	A	3



PRODUCT NAME	Remarks	RSL requirement of ZDHC* brands Children <14 years	RSL requirement of ZDHC* brands Adults > 14 years	General remarks
JAKAZOL TURQUOISE GD 266	<2.80% Copper	B	A	3
JAKAZOL TURQUOISE GLC	<2.80% Copper	B	A	3
JAKAZOL TURQUOISE GM	<2.80% Copper	B	A	3
JAKAZOL TURQUOISE H2GP	<2.50% Copper	B	A	3
JAKAZOL TURQUOISE HEG	<2.80% Copper	B	A	3
JAKAZOL TURQUOISE JPG 266	<3.50% copper	B	A	3
JAKAZOL TURQUOISE PG	<2.50% Copper	B	A	3
JAKAZOL TURQUOISE PG 200	<2.80% Copper	B	A	3
JAKAZOL TURQUOISE PGC	<2.80% Copper	B	A	3
JAKAZOL TURQUOISE PGS	<2.80% Copper	B	A	3
JAKAZOL TURQUOISE PJJ	<2.80% Copper	B	A	3
JAKAZOL TURQUOISE PP	<3.00% Copper	B	A	3
JAKAZOL TURQUOISE SD	<3.50% Copper	B	A	3
JAKAZOL TURQUOISE TRL	<3.00% Copper	B	A	3
JAKAZOL TURQUOISE UG 266	<2.80% Copper	B	A	3
JAKAZOL TURQUOISE VS-PG	<2.80% Copper	B	A	3
JAKAZOL TURQUOISE WLT	<3.50% Copper	B	A	3
JAKAZOL ULTRA BLACK TRL	7	A	A	
JAKAZOL ULTRA SAPPHIRE TRL		A	A	
JAKAZOL VIOLET 5R	<3.00% Copper	B	A	3
JAKAZOL VIOLET PP	<3.00% Copper	B	A	3
JAKAZOL YELLOW 3RS		A	A	
JAKAZOL YELLOW BROWN SF		A	A	
JAKAZOL YELLOW CE	10	A	A	
JAKAZOL YELLOW CE NEW	10	A	A	
JAKAZOL YELLOW DDR	10	A	A	
JAKAZOL YELLOW DS	10	A	A	
JAKAZOL YELLOW DS2R		A	A	
JAKAZOL YELLOW DSR	10	A	A	
JAKAZOL YELLOW DSRN	10	A	A	
JAKAZOL YELLOW DSRS	10	A	A	
JAKAZOL YELLOW FG	6	A	A	
JAKAZOL YELLOW FGC	6	A	A	
JAKAZOL YELLOW GL		A	A	
JAKAZOL YELLOW GR		A	A	
JAKAZOL YELLOW GR-T		A	A	
JAKAZOL YELLOW H7GL	10	A	A	

PRODUCT NAME	Remarks	RSL requirement of ZDHC* brands Children <14 years	RSL requirement of ZDHC* brands Adults > 14 years	General remarks
JAKAZOL YELLOW HLF		A	A	
JAKAZOL YELLOW HQ-C		A	A	
JAKAZOL YELLOW HQ-R		A	A	
JAKAZOL YELLOW JRS 150	6	A	A	
JAKAZOL YELLOW LD	10	A	A	
JAKAZOL YELLOW LD NN	10	A	A	
JAKAZOL YELLOW LDN	10	A	A	
JAKAZOL YELLOW PN4R		A	A	
JAKAZOL YELLOW PP		A	A	
JAKAZOL YELLOW RL		A	A	
JAKAZOL YELLOW RTN	<2.50% Copper	B	A	3
JAKAZOL YELLOW RTNC		A	A	
JAKAZOL YELLOW SFR		A	A	
JAKAZOL YELLOW SLR	10	A	A	
JAKAZOL YELLOW SR	10	A	A	
JAKAZOL YELLOW SR-F	10	A	A	
JAKAZOL YELLOW TRL	10	A	A	
JAKAZOL YELLOW WLT		A	A	
JAKAZOL YELLOW XS	10	A	A	
JAKOFIX AMBER EHF	10	A	A	
JAKOFIX AMBER MERK	10	A	A	
JAKOFIX BLACK HN	<2.50% Chromium +<1.00% Cobalt	B	A	3+4
JAKOFIX BLACK PGR		A	A	
JAKOFIX BLACK PGR ND		A	A	
JAKOFIX BLACK PGRB		A	A	
JAKOFIX BLACK PL-BL	<2.50% Chromium +<1.00% Cobalt	B	A	3+4
JAKOFIX BLACK PL-DB	8	A	A	
JAKOFIX BLACK PL-N	8	A	A	
JAKOFIX BLACK PN	<2.50% Chromium +<1.00% Cobalt	B	A	3+4
JAKOFIX BLACK PNC	<2.50% Chromium +<1.00% Cobalt	B	A	3+4
JAKOFIX BLACK PNR		A	A	1
JAKOFIX BLUE BF		A	A	
JAKOFIX BLUE BRFG	<3.00% Copper	B	A	3
JAKOFIX BLUE ECO	10	A	A	
JAKOFIX BLUE H3RPC		A	A	

PRODUCT NAME	Remarks	RSL requirement of ZDHC* brands Children <14 years	RSL requirement of ZDHC* brands Adults > 14 years	General remarks
JAKOFIX BLUE HEGN		A	A	
JAKOFIX BLUE HEGN-G		A	A	
JAKOFIX BLUE HERD	<2.80% Copper	B	A	3
JAKOFIX BLUE HERD-B	<2.80% Copper	B	A	3
JAKOFIX BLUE HERPC	<2.80% Copper	B	A	3
JAKOFIX BLUE LX	<3.00% Copper	B	A	3
JAKOFIX BLUE P3R HC		A	A	
JAKOFIX BLUE P3RC		A	A	
JAKOFIX BLUE P3RN		A	A	
JAKOFIX BLUE P3R-T		A	A	
JAKOFIX BLUE P5R CONC	<3.50% Copper	B	A	3
JAKOFIX BLUE PL-5R	<3.50% Copper	B	A	3
JAKOFIX BLUE PL-R		A	A	
JAKOFIX BRILLIANT BLUE P5R	<3.50% Copper	B	A	3
JAKOFIX BRILLIANT BLUE H3RP		A	A	
JAKOFIX BRILLIANT BLUE HEGN 125		A	A	
JAKOFIX BRILLIANT BLUE HEGNC		A	A	
JAKOFIX BRILLIANT BLUE JRF	<3.00% Copper	B	A	3
JAKOFIX BRILLIANT BLUE ME2RL	10	A	A	
JAKOFIX BRILLIANT BLUE P3R		A	A	
JAKOFIX BRILLIANT BLUE P5R	<3.50% Copper	B	A	3
JAKOFIX BRILLIANT BLUE PN2R		A	A	
JAKOFIX BRILLIANT MAGENTA HB H/C		A	A	
JAKOFIX BRILLIANT MAGENTA PB		A	A	
JAKOFIX BRILLIANT ORANGE H2RC		A	A	1
JAKOFIX BRILLIANT ORANGE P2R		A	A	1
JAKOFIX BRILLIANT ORANGE P2RS		A	A	1
JAKOFIX BRILLIANT PURPLE H3R	<3.50% Copper	B	A	3
JAKOFIX BRILLIANT RED H8B	9	A	A	
JAKOFIX BRILLIANT RED HE3B		A	A	
JAKOFIX BRILLIANT RED HE3BC		A	A	
JAKOFIX BRILLIANT RED HE7B		A	A	
JAKOFIX BRILLIANT RED HE8BN	9	B	A	
JAKOFIX BRILLIANT RED P7B		A	A	
JAKOFIX BRILLIANT YELLOW H4G		A	A	
JAKOFIX BRILLIANT YELLOW HE4G		A	A	
JAKOFIX BRILLIANT YELLOW HE6G		A	A	

PRODUCT NAME	Remarks	RSL requirement of ZDHC* brands Children <14 years	RSL requirement of ZDHC* brands Adults > 14 years	General remarks
JAKOFIX BROWN P6R		A	A	1
JAKOFIX DARK BLUE CFHC	10	A	A	
JAKOFIX GOLDEN YELLOW HERN		A	A	
JAKOFIX GOLDEN YELLOW HR		A	A	1
JAKOFIX GOLDEN YELLOW J3RS 150	10	A	A	
JAKOFIX GOLDEN YELLOW MERL	10	A	A	
JAKOFIX GOLDEN YELLOW MERL 150	10	A	A	
JAKOFIX GOLDEN YELLOW MERS	10	A	A	
JAKOFIX GOLDEN YELLOW P3R		A	A	1
JAKOFIX GOLDEN YELLOW PR		A	A	1
JAKOFIX GOLDEN YELLOW SP	10	A	A	
JAKOFIX GREY PNG	<1.50% Chromium +<1.00% cobalt	B	A	3
JAKOFIX LEMON YELLOW PL-4G		A	A	
JAKOFIX NAVY BFC	10	A	A	
JAKOFIX NAVY BLUE HER		A	A	
JAKOFIX NAVY BLUE HER 150		A	A	
JAKOFIX NAVY BLUE HERC		A	A	
JAKOFIX NAVY BLUE JBF	10	A	A	
JAKOFIX NAVY BLUE ME2GL	10	A	A	
JAKOFIX NAVY BLUE MEBF	10	A	A	
JAKOFIX NAVY BLUE P2RN		A	A	
JAKOFIX NAVY H2G		A	A	
JAKOFIX NAVY HE SUPRA		A	A	
JAKOFIX NAVY P2R		A	A	
JAKOFIX NAVY P2R HC		A	A	
JAKOFIX NAVY PL-G	8	A	A	
JAKOFIX NAVY PNR		A	A	
JAKOFIX NAVY SBC	10	A	A	
JAKOFIX NAVY SP	10	A	A	
JAKOFIX ORANGE HER		A	A	
JAKOFIX ORANGE HERG		A	A	
JAKOFIX ORANGE ME2RL	10	A	A	
JAKOFIX ORANGE ME2RLC	10	A	A	
JAKOFIX ORANGE P2R HC		A	A	1
JAKOFIX ORANGE P2RN		A	A	1
JAKOFIX ORANGE P3R		A	A	1
JAKOFIX ORANGE PL-3R		A	A	1

PRODUCT NAME	Remarks	RSL requirement of ZDHC* brands Children <14 years	RSL requirement of ZDHC* brands Adults > 14 years	General remarks
JAKOFIX ORANGE PL-R CONC		A	A	1
JAKOFIX ORANGE PNR		A	A	1
JAKOFIX ORANGE X2RL	10	A	A	
JAKOFIX PURPLE P3R	<3.50% Copper	B	A	3
JAKOFIX PURPLE PL-3R	<3.50% Copper	B	A	3
JAKOFIX RED 3BG	10	A	A	
JAKOFIX RED 3BL	10	A	A	
JAKOFIX RED 3BLC	10	A	A	
JAKOFIX RED 3BS	10	A	A	
JAKOFIX RED 4BL	10	A	A	
JAKOFIX RED 5BL	10	A	A	
JAKOFIX RED BL	12	A	A	
JAKOFIX RED BROWN H4R	<3.50% Chromium	B	A	3
JAKOFIX RED BROWN P4R	<3.50% Chromium	B	A	3
JAKOFIX RED CF-B	10	A	A	
JAKOFIX RED ECO	10	A	A	
JAKOFIX RED ECON	10	A	A	
JAKOFIX RED EG	10	A	A	
JAKOFIX RED H4B		A	A	
JAKOFIX RED HB		A	A	
JAKOFIX RED HE7B-G		A	A	
JAKOFIX RED J3BSN 150	10	A	A	
JAKOFIX RED J3RS 150	10	A	A	
JAKOFIX RED ME3BL	10	A	A	
JAKOFIX RED ME4BL	10	A	A	
JAKOFIX RED ME4BL 150	10	A	A	
JAKOFIX RED ME6BL	12	A	A	
JAKOFIX RED ME6BLC	12	A	A	
JAKOFIX RED MEGF	10	A	A	
JAKOFIX RED P4B		A	A	
JAKOFIX RED P6B	9	A	A	
JAKOFIX RED P8B	9	A	A	
JAKOFIX RED PB		A	A	
JAKOFIX RED PL-2B		A	A	
JAKOFIX RED PL-2BN		A	A	
JAKOFIX RED PN3B		A	A	
JAKOFIX RED PNB		A	A	

PRODUCT NAME	Remarks	RSL requirement of ZDHC* brands Children <14 years	RSL requirement of ZDHC* brands Adults > 14 years	General remarks
JAKOFIX RED SP	10	A	A	
JAKOFIX RED W4BL	10	A	A	
JAKOFIX SCARLET P6R		A	A	
JAKOFIX SUPRA AMBER HR		A	A	
JAKOFIX SUPRA BRILLIANT RED HGR		A	A	
JAKOFIX SUPRA CRIMSON HRN		A	A	
JAKOFIX SUPRA DARK BLUE HR	<3.00% Copper	B	A	3
JAKOFIX SUPRA NAVY HRN		A	A	
JAKOFIX SUPRA ORANGE HR		A	A	
JAKOFIX SUPRA SAPPHIRE HR		A	A	
JAKOFIX SUPRA TURQUOISE HR	<3.50% Copper	B	A	3
JAKOFIX SUPRA YELLOW HR		A	A	
JAKOFIX SUPRA YELLOW HR H/C		A	A	
JAKOFIX SUPRA YELLOW HRN		A	A	
JAKOFIX TURQUOISE BLUE HA	<3.50% Copper	B	A	3
JAKOFIX TURQUOISE BLUE HAC	<3.50% Copper	B	A	3
JAKOFIX TURQUOISE BLUE HA-SL	<3.00% Copper	B	A	3
JAKOFIX TURQUOISE BLUE HEA	<3.00% Copper	B	A	3
JAKOFIX TURQUOISE BLUE P5G	<3.50% Copper	B	A	3
JAKOFIX TURQUOISE BLUE P5GG	<3.50% Copper	B	A	3
JAKOFIX TURQUOISE BLUE PG 133	<2.50% Copper	B	A	3
JAKOFIX TURQUOISE BLUE PGR	<2.80% Copper	B	A	3
JAKOFIX TURQUOISE PA	<2.50% Copper	B	A	3
JAKOFIX TURQUOISE PGR 150	<3.50% Copper	B	A	3
JAKOFIX TURQUOISE PGRB	<3.50% Copper	B	A	3
JAKOFIX TURQUOISE PGRN	<3.50% Copper	B	A	3
JAKOFIX TURQUOISE PGRNC	<3.50% Copper	B	A	3
JAKOFIX TURQUOISE PNG	<2.50% Copper	B	A	3
JAKOFIX VIOLET MEBZ	10	A	A	
JAKOFIX YELLOW 3GL	10	A	A	
JAKOFIX YELLOW 4GL	10	A	A	
JAKOFIX YELLOW BROWN PL-R		A	A	
JAKOFIX YELLOW CF-R	10	A	A	
JAKOFIX YELLOW DFRL	10	A	A	
JAKOFIX YELLOW ECO	10	A	A	
JAKOFIX YELLOW GLS	10	A	A	
JAKOFIX YELLOW HE4R		A	A	

PRODUCT NAME	Remarks	RSL requirement of ZDHC* brands Children <14 years	RSL requirement of ZDHC* brands Adults > 14 years	General remarks
JAKOFIX YELLOW HE4R H/C		A	A	
JAKOFIX YELLOW HE6G		A	A	
JAKOFIX YELLOW LX	10	A	A	
JAKOFIX YELLOW ME4GL	10	A	A	
JAKOFIX YELLOW P2RN		A	A	
JAKOFIX YELLOW P2RN HC		A	A	1
JAKOFIX YELLOW P-4G		A	A	
JAKOFIX YELLOW P6G		A	A	1
JAKOFIX YELLOW PL-R		A	A	1
JAKOFIX YELLOW PL-RA		A	A	
JAKOFIX YELLOW PN7G		A	A	
JAKOFIX YELLOW PNR		A	A	1
JAY DIRECT TURQUOISE M-5G 85	<2.50% Copper	B	A	3
REACTIVE TURQUOISE PG	<2.50% Copper	B	A	3

The values of the individual substances mentioned here above in "Remarks" Column are exclusively for the content in dyestuffs/colorants.

#### Abbreviations

- \* Brands that have signed for Version 1.1 of ZDHC
- 1 May contribute to Ammonical Nitrogen in the waste water
- 3 Metal complex dye
- 4 usage restricted to <2% shade
- 5 <10 ppm 4- Chloro aniline
- 6 <100 ppm 4- Chloro aniline
- 7 <40 PPM p-Chloro aniline
- 8 <150 ppm 4- Chloro aniline
- 9 <150 ppm of 2- Naphthylamine
- 10 <50 ppm 4- Chloro aniline
- 11 <50 ppm 4- Chloro aniline + 1.00% Copper
- 12 <50 ppm 4- Chloro aniline + <100 PPM 2- Naphthylamine
- A Suitable
- B Test for heavy metal content on textile article before bulk application

#### CAS NO:

Restricted substance group	Restricted substance	CAS No.
Dyes – Azo (Forming Restricted Amines)	4-chloroaniline	106-47-8
Dyes – Azo (Forming Restricted Amines)	2-naphthylamine	91-59-8
Heavy Metal	Copper	7440-50-8
Heavy Metal	Chromium	7440-47-3
Heavy Metal	Cobalt	7440-48-4
Heavy Metal	Nickel	7440-02-0