
SAPT CHEM INTERNATIONAL PVT. LTD.

Reactive Dyes

Shade Card

- Bifunctional ME Dyes
- HE Dyes
- Cold Dyes
- Vinylsulphone Dyes
- Hot Brand Printing Dyes
- P Series Printing Dyes

2026 Edition

Bifunctional ME Dyes

SHADE		Name	CI Generic	Sol. g/l	FASTNESS PROPERTIES				Discharge
0.5%	2.0%				Light	Wash	Persp.	Hypo.	
		Yellow ME4GL	Yellow 160 A	200	4-5	5	5	3-4	
		Golden Yellow MERL	Yellow 145	200	5	5	4	3-4	
		Golden Yellow ME3RL	Yellow 205	200	5	5	4	3	
		Orange ME2RL	Orange 122	150	4	4	5	3	
		Red CF (MEGF)	Red 223	100	5	4-5	5	4-5	
		Red ME3BL	Red 194	100	4-5	4-5	5	3-4	
		Red ME4BL	Red 195	200	5	4-5	4-5	3	
		Red ME6BL	Red 250	200	4-5	4-5	4	3-4	
		Violet ME2RL	Magenta XL	80	4-5	4-5	4	3-4	
		Violet MERL	—	80	4-5	4-5	4	3-4	
		Green MEBL	Green 19 A	80	3-4	4-5	4	2-3	
		Blue ME2RL	Blue 248	100	4	4	4	3-4	
		Blue BRF	Blue 221	120	5	4-5	4-5	3	
		Blue BF	Blue 222	150	4-5	4	4	2	
		Navy Blue ME2GL	Blue 194	150	4	5	5	3-4	

* All relevant shades are of high concentrated dyes. Information provided in good faith as per current knowledge, without liability.

HE Dyes

SHADE		Name	CI Generic	Sol. g/l	FASTNESS PROPERTIES				Discharge
0.5%	2.0%				Light	Wash	Persp.	Hypo.	
		Yellow HE6G	Yellow 135	70	4-5	4	4	3	
		Yellow HE4G	Yellow 105	80	4-5	4	4	2-3	
		Yellow HE4R	Yellow 84	80	5	5	4-5	4	
		Golden Yellow HER	Yellow 84 A	70	4-5	4-5	5	3	
		Orange HE2R NMJ	Orange 94	100	4-5	4-5	5	3	
		Orange HE2R	Orange 94 A	100	3-4	4	4	3	
		Red HE3B	Red 120	100	4-5	4-5	5	4	
		Red HE5B	—	120	4	4-5	5	4	
		Red HE7B	Red 141	120	4	4-5	5	4	
		Red HE8B	Red 152	150	4	4	4-5	3-4	
		Blue HEGN	Blue 198	100	5	4-5	5	1	
		Blue HERD	Blue 160	100	5	5	5	3	
		Navy Blue HE2R	Blue 172	150	5	4	4-5	1	
		Navy Blue HER	Blue 171	80	3-4	4-5	5	3-4	
		Black HEBL	Black 160	80	4	4-5	4-5	2-3	
		Green HE4B	Green 19 A	80	3-4	4-5	4	2-3	
		Green HE4BD	Green 19 A	80	3	3-4	4	2-3	
		Tur. Blue H5G	Blue 25	120	4-5	4-5	4-5	3	
		Navy Blue RX	Blue 59	60	3	4	4-5	3	

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Cold Dyes

SHADE		Name	CI Generic	Sol. g/l	FASTNESS PROPERTIES				Discharge
0.5%	2.0%				Light	Wash	Persp.	Hypo.	
		Yellow M8G	Yellow 86	80	5-6	5	5	1	
		Yellow M4G	Yellow 22	60	5	5	4-5	1	
		Yellow MGR	Yellow 7	30	6	5	4-5	4-5	
		Yellow M3R SPL	Orange 86 A	80	3-4	4-5	4	2-3	
		Golden Yellow MR	Yellow 44	80	3-4	4-5	4	2-3	
		Yellow M4R	Orange 14	80	4	5	4	1	
		Orange M2R	Orange 4	180	4	5	5	3	
		Orange M2RJ	Orange 4 A	180	3-4	4	4	3	
		Red M5B	Red 2	100	3-4	4-5	5	1	
		Red M8B	Red 11	60	4	4-5	5	4	
		Pink MB	Red 74	80	4-5	4-5	5	2	
		Magenta MB	Violet 13	30	4-5	4-5	5	3	
		Tur. Blue MGN SPL	Blue 140 A	120	4-5	4-5	4-5	3	
		Blue MR	Blue 4 A	50	6	5	5	2	
		Blue MR G	Blue 4	50	6	5	5	2	
		Blue M2R	Blue 81	120	3-4	5	4-5	2	
		Navy Blue M3R	Blue 9	100	4	4-5	4-5	3	

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Vinylsulphone Dyes

SHADE		Name	CI Generic	Sol. g/l	FASTNESS PROPERTIES				Discharge
0.5%	2.0%				Light	Wash	Persp.	Hypo.	
		Yellow R	Yellow 77	100	5	4	4-5	1	G
		Yellow FG	Yellow 42	150	4	5	4-5	1	G
		Yellow GR	Yellow 15	100	5	4-5	5	2	G
		Yellow RNL	Yellow 107	120	4-5	4-5	5	3-4	G
		Yellow RTN	Yellow 24	100	6	4	4-5	2	F
		Golden Yellow R	Yellow 201	100	4	4	5	2	G
		Orange 2R	Orange 7	100	4	4-5	5	2	G
		Orange 3R	Orange 16	100	4-5	5	5	3	G
		Red NB	Red 180 A	100	4-5	4	5	4	F
		Red 5B	Red 35	150	4-5	5	5	1	G
		Red C2G	Red 106	60	4-5	4-5	4-5	1	G
		Red BB	Red 21	100	4-5	5	5	2	G
		Red RBL	Red 198 A	130	5-6	4-5	4-5	3	F
		Red RB Metallic	Red 198	120	5-6	4-5	4-5	3	F
		Red BSID	Red 111	150	4-5	4-5	5	3-4	F
		Tur. Blue G	Blue 21	200	5	4-5	5	2-3	P
		Tur. Blue H2GP	—	200	5	4-5	5	2-3	P
		Violet 5R	Violet 5	100	5	4-5	4-5	4-5	P
		Blue BB	Blue 220	120	5	5	5	4-5	G
		Blue R	Blue 19	100	5-6	5	5	3	F
		Blue 3R	Blue 28	100	6	5	4-5	3-4	F
		Navy Blue GG	Blue 203	200	4-5	5	5	3-4	G
		Black B	Black 5	200	3-4	4-5	5	2	G
		Black RL	Black 31	200	5	4-5	4-5	2	F
		Black HFGR	Black Mix	200	3-4	4-5	5	2	F
		Black N150	Black Mix	200	3-4	4-5	5	2	G

SHADE		Name	CI Generic	Sol. g/l	FASTNESS PROPERTIES				Discharge
0.5%	2.0%				Light	Wash	Persp.	Hypo.	
		Black GDN	Black Mix	150	3-4	4-5	4	4	
		Brown GR	Brown 18 A	100	4-5	4-5	4	1	
		Brown GR H/C	—	100	4-5	4-5	4	1	
		Brown GR SPL	—	100	4-5	4-5	4	1	

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Hot Brand Printing Dyes

SHADE		Name	CI Generic	Sol. g/l	FASTNESS PROPERTIES				Discharge
0.5%	2.0%				Light	Wash	Persp.	Hypo.	
		Yellow H7GL	Yellow 57	100	6	5	5	4	
		Yellow H4G	Yellow 18	80	5-6	5	4-5	3	
		Golden Yellow HR	Orange 12	100	6	5	5	4	
		Orange H2R	Orange 13	100	5	5	5	4	
		Red H8B	Red 31	130	4-5	5	5	4-5	
		Red 6BX	Red 76	130	4-5	4-5	4-5	3	
		Red H7B	Red Mix	100	4-5	4	4	4	
		Red H7B Crude	Red Mix	100	4-5	4	4	4	
		Red H7B N	Red Mix	100	4-5	4	4	4	
		Red Brown H4R	Brown 9	100	4-5	4	3-4	3-4	
		Magenta HB	Violet 46	100	5-6	5	4	4	
		Purple HB	—	80	5-6	5	3	4	
		Black HN	Black 8	100	4-5	4-5	4-5	4	
		Blue 5RH	Blue 13	120	5-6	5	4-5	2	
		Blue H3RP	Blue 49	130	6	4-5	4	2	

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P Series Printing Dyes

SHADE		Name	CI Generic	Sol. g/l	FASTNESS PROPERTIES				Discharge
0.5%	2.0%				Light	Wash	Persp.	Hypo.	
		Yellow P6GS	Yellow 95	100	6	5	5	3	
		Yellow P2RN	Yellow 181	100	6	5	5	4	
		Orange P2R	Orange 35	100	5	5	5	4	
		Red PBN	Red 24	130	5	4-5	4	3-4	
		Red P3B	Red 45	130	4-5	4-5	4-5	3	
		Red P4B	Red 245	150	4	5	5	3-4	
		Red P6B	Red 218	150	5	4	4	4-5	
		Tur. Blue PGR	Blue 72	120	5-6	4	4	4	
		Blue P3R / PN2R	Blue 49	130	6	4-5	4	2	
		Blue P3R SPL	Blue 49 A	130	5	4-5	4	2	
		Blue P5R	Blue 13	120	5-6	5	4-5	2	
		Purple PB	—	100	5-6	5	4	4	
		Navy P2R / PNR	Black 39	120	4-5	4-5	5	3	
		Black PGR	Black Mix	120	5-6	5	5	5	
		Black PNR	Black Mix	120	5-6	5	5	5	

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