

Delivering

Quality
in Colors



Reactive
Dyes

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**QUALITY CHEM
ENTERPRISE**

R E A C T I V E D Y E S

Who We Are

Since 1993, we are successfully manufacturing Dyestuffs.

A privately owned business based in India, managed and promoted by two professionals Mr. Haresh Gupta & Mr. Ketur Solanki. We have successfully created a positive company image by executing the requirements of the buyers in the most efficient manner, competitive price, and a prompt delivery schedule. Prioritizing for better quality and superior technology, we have carved a niche market share for ourselves in the domestic as well as international market.



Our Team

Machines : Our hi-tech reactors with most advanced equipment are capable of producing 3600 Metric Tons annually.

Management : Leaders of second-generation observing closely and improving each stage of production.

Manpower : More than 25 experienced and well-versed industry professionals with vast experience in the field of Dyestuff.

Regular employee training and motivation are part of the daily management system. Awareness towards quality standards and consistency in all aspects of work is basic fundamental principles for every person working in our organization.





Infrastructure

- » Temperature controlled room for sample preservation.
- » Reverse osmosis plant to produce salt free dyes.
- » Dyeing machines for exhaust & pad batch dyeing.
- » Manufacturing plant with installed capacity of 3600 MT / annum of powder dyes.
- » Customised dyes as per required quality standards.
- » Spray dryer.



HSE Policy

Quality Chem Enterprise is involved in the manufacturing of dyestuffs. We have primary treatment facilities in-house for our effluent. Our primary facility is designed by keeping international standards, which takes care of all Safety & Environmental norms. Also we have very strict controls for Environmental Compliances and we maintain transparency for data recording with Government Environment Bodies. For secondary treatment facility we are associated with the Common Effluent Treatment Plant (CETP).

Our journey towards 'Target Zero Pollution' ensures that our Long-Term Strategic Plan (LTSP) focuses on key point: Health, Safety & Environment (HSE). These are evaluated from an engineering and/or process improvement perspective. Senior leadership plays a critical role in fostering a culture of safety by establishing clear and transparent policies.

Our cross-functional teams for safety improvement include:

- Production
- Maintenance
- Quality Control
- Administration
- Occupational Health & Safety (OHS)



We Believe In Consistent Quality
Production & Customer Satisfaction By
Customizing Product



HDPE Bags



Jumbo Bags



Corrugated Box



Plastic Drums



REACTIVE DYES

Reactive Dyes

Reactive dyes are the most versatile & popular class of organic dyes for imparting colour on cellulosic fibres. As the name suggests these dyes chemically react with cellulose to form a covalent bond between dyes molecule & cellulose. Our dyes are classified in below mentioned groups.

Q REACTIVE ME DYES

- » Exhaust dyeing at 60°C, Continuous dyeing with limited suitability.
- » High Exhaustion & fixation on fabric.
- » Good Fastness values, leveling properties & excellent alkali stability.

Q POLY FUNCTIONAL DYES

- » Exhaust dyeing for deep shade dyeing. Continuous dyeing at 60°C - 65°C.
- » Good fastness values.
- » Very good self life of product.
- » Liveliness of dyeing on fabric is very good.

Q REACTIVE VS DYES

- » Exhaust dyeing at 60°C, Printing, Cold pad-batch dyeing.
- » Dyestuff Suitable for excellent discharge printing.
- » Good fastness values.
- » Good self life of products.

Q REACTIVE P & H DYES

- » Used for printing cellulose textile by both silicate & dry steam methods.
- » Good fastness values.

Q REACTIVE HE DYES

- » Exhaust dyeing at 82°C.
- » High Exhaustion & Fixation on fabric.
- » Good fastness values.

Q REACTIVE RGB DYES

- » Exhaust dyeing & continuous dyeing at 60°C.
- » Good Fastness values.
- » Good self life of products.

Q REACTIVE M DYES

- » Highly reactive hence require very mild conditions for application.
- » Good Fastness Properties.













REACTIVE ME DYES

(Mixed Bifunctional Class)

PRODUCT NAME C.I. No.	DYING SHADE		GENERAL PROPERTIES			FASTNESS PROPERTIES					SUITABILITY				
			SUBSTANTIVITY	SOLUBILITY AT 30°C	DISCHARGEABILITY	DAY LIGHT ISO	WASHING ISO 4	PERSPIRATION		HYPOCHLORITE BLEACH	EXHAUST 60°C	ONE BATH PAD BATCH	ONE BATH PAD-DRY STEAM	PRINTING	
	ALKALINE	ACIDIC						STEAM	SILICATE						
	1 %	2 %													
YELLOW ME4GL YELLOW 160			M	100	G	6	4	4-5	4-5	1	S	FS	NS	S	S
GOLDEN YELLOW MERL YELLOW 145			M	100	G	5	3-4	4	4	1	S	FS	S	S	S
YELLOW RR YELLOW			M	100	G	5	5	4	4	3	S	S	S	S	S
ORANGE ME2RL ORANGE 122			H	75	P	5	4-5	4-5	4-5	3	S	S	S	S	S
RED BS RED 111			H	100	P	4	3-4	3-4	3	2	S	S	FS	NS	NS
RED ME3BL RED 194			H	100	P	6	5	4	4	2	S	S	S	S	S
RED ME4BL RED 195			H	150	P	5	4-5	5	5	1	S	S	S	S	S
RED ME6BL RED 250			H	80	P	5	4-5	5	5	1	S	S	S	S	S
NAVY BLUE ME2GL BLUE 194			M	40	G	5	4	4	4	3-4	S	S	S	S	S
NAVY BLUE ME2RL BLUE 248			H	100	P	4	5	5	5	1	S	S	S	S	S
NAVY BLUE BRP BLUE 221			H	100	P	4-5	5	4	4-5	2	S	S	FS	FS	S
NAVY BLUE BF BLUE 222			H	80	G	3-4	4-5	5	5	1	S	S	S	FS	FS
NAVY BLUE BF BLUE 222A			H	80	P	4	5	5	5	1	S	S	S	S	S
VIOLET ME			H	100	F	3-4	4	3-4	4	1	S	S	NS	NS	NS

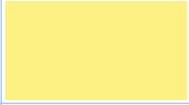

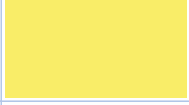

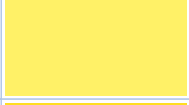









POLY FUNCTIONAL DYES

(Mixed Bifunctional Class)

PRODUCT NAME C.I. No.	DYING SHADE		SOLUBILITY IN GPL	AFFINITY	RUBBING FASTNESS X 12		LIGHT FASTNESS	PERSPIRATION		POOL WATER FASTNESS	WASHING FASTNESS			SUITABILITY	
	1 %	2 %			WET	DRY		ACID	ALKALINE		SHADE CHANGE	COTTON	NYLON	EXHAUST 60°C	PAD BATCH
ORANGE W3R ORANGE 131			120	H	4	4-5	4	4	4	4	4-5	4-5	4-5	S	S
ORANGE CD			120	H	3-4	4	4	4	4	4	4-5	4-5	4-5	S	S
RED W3R			120	H	4	4-5	4	3-4	4	3-4	4	4	4-5	S	S
RED CD RED 278			120	H	3	4	3-4	4	3-4	4	3-4	4	3	S	S

REACTIVE VS DYES

(Beta Sulphatoethyl Sulfone Class)

PRODUCT NAME C.I. No.	DYING SHADE		GENERAL PROPERTIES			FASTNESS PROPERTIES					SUITABILITY				
	1 %	2 %	SUBSTANTIVITY	SOLUBILITY AT 30°C	DISCHARGEABILITY	DAY LIGHT ISO	WASHING ISO 4	PERSPIRATION		HYPPOCHLORITE BLEACH	EXHAUST 60°C	ONE BATH PAD BATCH	ONE BATH PAD-DRY STEAM	PRINTING	
								ALKALINE	ACIDIC					STEAM	SILICATE
YELLOW FG YELLOW 42			L	100	G	4	5	5	5	1	S	S	S	S	FS
YELLOW GL YELLOW 37			H	80	G	5	4-5	5	5	2-3	S	S	S	S	FS
YELLOW H7GL YELLOW 57			H	100	G	5	5	5	5	1	S	S	S	S	S
YELLOW GR YELLOW 15			H	100	G	4-5	5	5	5	1	S	S	S	S	FS
GOLDEN YELLOW RNL ORANGE 107			M	100	G	4	4-5	5	5	2	S	S	S	S	S
GOLDEN YELLOW R YELLOW 201			H	100	G	4-5	4-5	4	4	1-2	S	S	S	S	FS
ORANGE 2R ORANGE 7			H	80	G	4-5	4	4	4-5	1	S	S	S	S	S



REACTIVE VS DYES

(Beta Sulphatoethyl Sulfone Class)

PRODUCT NAME C.I. No.	DYING SHADE		GENERAL PROPERTIES			FASTNESS PROPERTIES					SUITABILITY				
			SUBSTANTIVITY	SOLUBILITY AT 30°C	DISCHARGEABILITY	DAY LIGHT ISO	WASHING ISO 4	PERSPIRATION		HYPOCHLORITE BLEACH	EXHAUST 60°C	ONE BATH PAD BATCH	ONE BATH PAD-DRY STEAM	PRINTING	
	ALKALINE	ACIDIC						STEAM	SILICATE						
ORANGE 3R ORANGE 16			H	80	G	4	4-5	4-5	4-5	4	S	S	S	S	S
BRILL. RED BB RED 21			L	130	F	4	4-5	3-4	4	2	NS	S	S	S	S
RED RB RED 198			H	100	F	4-5	4	4-5	4	2	FS	S	FS	FS	FS
RED RB RED 198A			H	80	F	4	4	4-5	5	2	S	S	S	S	S
BROWN GR BROWN 18A			M	80	P	5	4	5	5	1	S	S	S	S	S
TURQ. BLUE G BLUE 21			H	80	P	5	4	4-5	4-5	3	S	S	S	S	S
BRILL. BLUE BB BLUE 220			H	100	G	3-4	4	4	4-5	1	FS	S	FS	FS	S
BLUE R (ALKALI STABLE) BLUE 19			H	100	F	4-5	4	4	4-5	3	S	S	FS	S	S
NAVY BLUE GG BLUE 203			H	100	G	3-4	4	4	4-5	1-2	S	S	FS	FS	S
BLUE 3R BLUE 28			L	80	P	5	4	4-5	4-5	3	S	S	S	S	S
VIOLET 5R VIOLET 5			M	100	P	5	4	5	5	5	S	S	S	S	FS

* Also available in RO Grade



REACTIVE P & H DYES

(Monochlorotriazine Class)

PRODUCT NAME C.I. No.	DYING SHADE		GENERAL PROPERTIES			FASTNESS PROPERTIES						SUITABILITY			
			AFFINITY / SUBSTANTIVITY	SOLUBILITY AT 25-40° C	DISCHARGEABILITY	DAY LIGHT 105-B02	WASHING FASTNESS 105-C06	PERSPIRATION		HYPOCHLORITE BLEACH	EXHAUST 60° C	ONE BATH PAD STEAM	ONE BATH PAD - DTY STEAM	PRINTING	
	ALKALINE	ACIDIC						STEAM	SILICATE						
YELLOW P6G YELLOW 95			L	80	G	4	4-5	5	4-5	3	NS	S	S	S	S
YELLOW H4G YELLOW 18			L	120	G	5-6	5	4-5	5	1	NS	S	S	S	S
Golden Yellow HR ORANGE 12			H	100	F	5	5	5	5	3	NS	S	S	S	S
ORANGE P2R ORANGE 13			H	100	M	3-4	5	5	4	4	NS	S	S	S	S
RED PB RED 24			H	80	P	4-5	4	4-5	4-5	4	NS	S	S	S	S
RED P2B RED 45			H	80	M	3	5	4	4	3-4	NS	S	S	S	S
RED 6BX RED 76			H	60	P	4	3	4	4-5	2-3	NS	S	S	NS	NS
RED P4B RED 245			H	80	P	4	4-5	4	4	4	NS	S	S	S	P
RED P6B RED 218			H	80	P	3-4	4-5	3-4	4	2-3	NS	S	S	S	P
RED P8B/H8B RED 31			H	100	P	4	5	4	4	3-4	NS	S	S	S	S
MAGENTA HB Violet 46			M	100	P	3	4	4	4	1	NS	S	S	S	S
BLUE H5R BLUE 13			L	80	P	4-5	4-5	4-5	4-5	1	LS	S	S	S	S
TURQ. BLUE H5G BLUE 25			H	80	P	4	4	4	4	3	NS	S	S	S	S
BLUE P3R BLUE 49			L	80	P	4-5	4-5	4-5	4-5	2-3	NS	S	S	S	S
PURPLE P3R VIOLET 1			M	80	P	5-6	5	3	3	4	NS	S	S	S	S



REACTIVE P & H DYES

(Monochlorotriazine Class)

PRODUCT NAME C.I. No.	DYING SHADE		GENERAL PROPERTIES			FASTNESS PROPERTIES					SUITABILITY				
	1 %	2 %	AFFINITY / SUBSTANTIVITY	SOLUBILITY AT 25-40° C	DISCHARGEABILITY	DAY LIGHT 105-B02	WASHING FASTNESS 105-C06	PERSPIRATION		HYPOCHLORITE BLEACH	EXHAUST 60° C	ONE BATH PAD STEAM	ONE BATH PAD - DTY STEAM	PRINTING	
								ALKALINE	ACIDIC					STEAM	SILICATE
NAVY BLUE P2R BLACK 39			L	100	P	4	4	4	4	3-4	NS	S	S	S	S
RED BROWN H4R BROWN 9			L	90	P	4	4-5	3-4	3-4	3-4	NS	S	S	S	S
BLACK HN BLACK 8			L	60	P	4-5	4-5	4-5	4-5	3-4	NS	S	S	S	S
BLACK PGR BLACK*			L	100	P	3-4	4	3-4	3-4	3-4	NS	S	S	S	S

H = High, M = Medium, L = Low | P = Poor, F = Fair, G = Good, VG = Very Good | S = Suitable, NS = Not Suitable, FS - Fully Suitable



REACTIVE RGB DYES

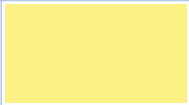

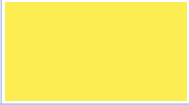





















(Beta Sulphatoethyl Sulfone Class)

PRODUCT NAME C.I. No.	DYING SHADE		SOLUBILITY IN GPL	AFFINITY	RUBBING FASTNESS X 12			PERSPIRATION			WASHING FASTNESS			SUITABILITY		
	0.5 %	1 %			WET	DRY	LIGHT FASTNESS	ACID	ALKALINE	POOL WATER FASTNESS	SHADE CHANGE	COTTON	NYLON	EXHAUST 60°C	PAD BATCH	DISCHARGEABILITY
YELLOW RGB			100	M	4	4-5	4	4	4	4-5	4-5	4	4	S	S	G
RED RGB			100	M	4	4-5	3-5	4-5	4	4	4-5	4	4	S	S	F
BLUE RGB			85	M	4	4-5	3-4	4	3-5	3	4-5	4-5	4	S	S	G
NAVY BLUE RGB BLUE 250			90	M	4	4-5	3-4	4	3-4	4-5	4-5	4	4	S	S	G

H = High, M = Medium, L = Low | P = Poor, F = Fair, G = Good | S = Suitable, NS = Not Suitable, FS - Fully Suitable

REACTIVE HE DYES

(Bismonochlorotriazine Class)

PRODUCT NAME C.I. No.	DYING SHADE		GENERAL PROPERTIES			FASTNESS PROPERTIES					SUITABILITY		
			AFFINITY	SOLUBILITY AT 30°C	DISCHARGEABILITY	DAY LIGHT ISO	WASHING ISO 4	PERSPIRATION		HYPOCHLORITE BLEACH	PEROXIDE BLEACH	EXHAUST 80°C	ONE BATH PAD BATCH
								ALKALINE	ACIDIC				
1 %	2 %												
YELLOW HE6G YELLOW 135			H	70	G	4	4	4	4-5	2	3	S	FS
YELLOW HE4G YELLOW 81			H	80	G	4-5	4	4	4-5	2	4-5	S	FS
G. YELLOW HE4R YELLOW 84A			H	80	G	5	4	4	4	3	4-5	S	FS
ORANGE HE2R ORANGE 94			H	100	F	4	3-4	4	5	2	4	S	FS
RED HE3B RED 120			H	80	P	4	4	4-5	4	2	4	S	NS
RED HE7B RED 141			H	100	P	4	4	4-5	4	3	4-5	S	FS
RED HE8B RED 152			H	100	P	3-4	4	4	4-5	2	4-5	FS	NS
GREEN HE4BD GREEN 19A			H	80	G	4	3	4	4	2	3	S	FS
BLUE HEGN BLUE 198			M	80	P	4	4	4	4	3	4	S	S
BLUE HERD BLUE 160			H	80	F	5	4	5	5	1	4-5	S	S
NAVY BLUE HER BLUE 171			H	80	F	4	4	5	4-5	3	4-5	S	S
NAVY BLUE HE2R BLUE 172			H	80	F	5	4	4	5	2	2	S	NS



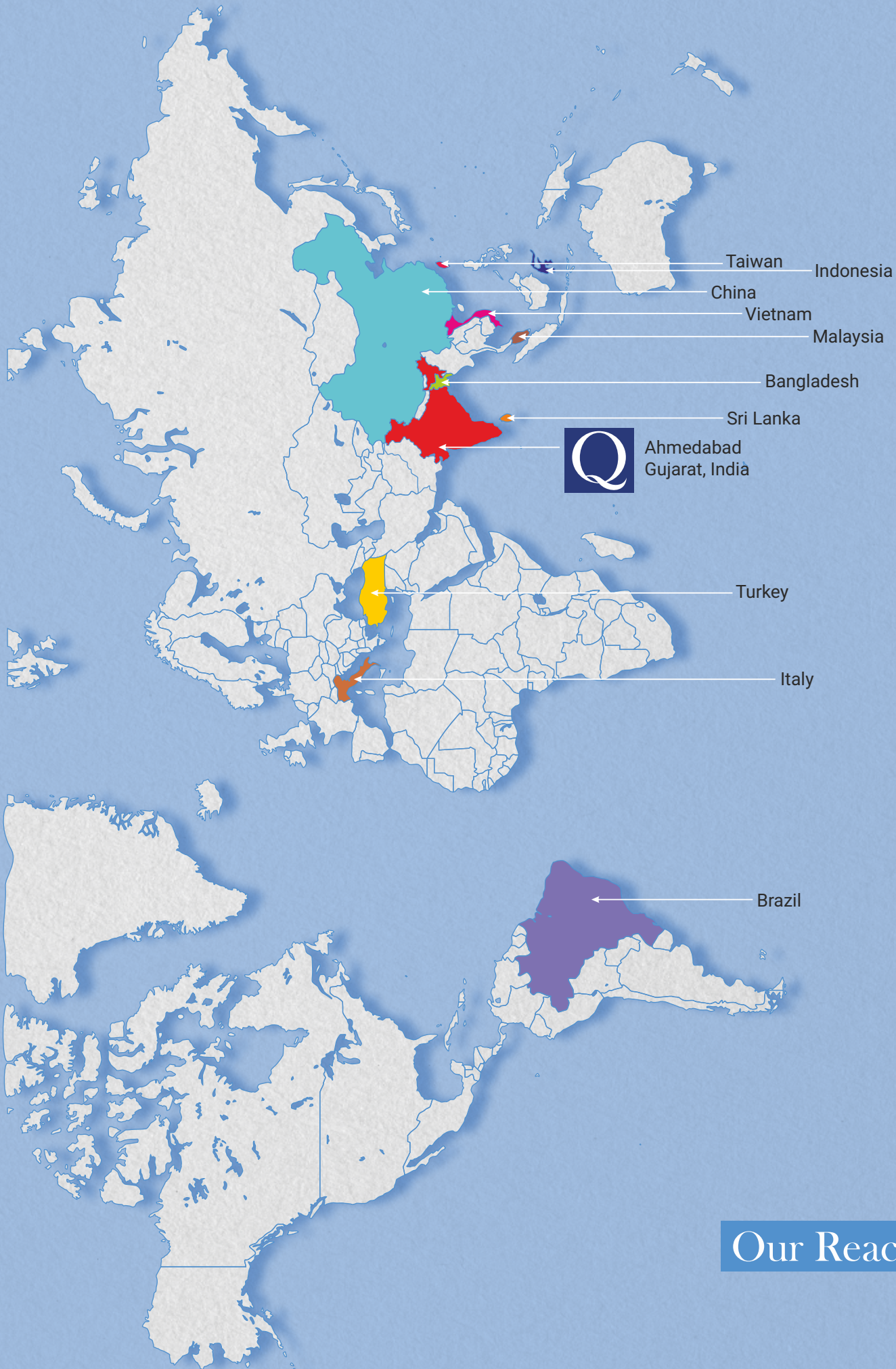
REACTIVE M DYES

(Dichlorotriazine class)

PRODUCT NAME C.I. No.	DYING SHADE		GENERAL PROPERTIES		FASTNESS PROPERTIES					SUITABILITY		
			AFFINITY	SOLUBILITY AT 30°C	DAY LIGHT ISO	WASHING ISO 4	PERSPIRATION		HYPOCHLORITE BLEACH	EXHAUST AT R. T.	PRINTING	
	1 %	2 %					ALKALINE	ACIDIC			STEAM	SILICATE
YELLOW M8G YELLOW 86			M	80	5	4	4	4	2	S	S	NS
YELLOW M4G YELLOW 22			H	50	4-5	4	4	4-5	1	S	S	NS
YELLOW M4R ORANGE 14			H	100	4	4	4	4	2	S	S	NS
YELLOW MGR YELLOW 7			H	30	4-5	4-5	4-5	4	3-4	S	S	FS
GOLDEN YELLOW MR YELLOW 44			H	100	4-5	4	4	4	2	S	S	NS
ORANGE M2R ORANGE 4			H	100	4	4	4	4	3	S	S	NS
RED M5B RED 2			H	100	3-4	3-4	4	4-5	1	S	S	NS
RED M8B RED 11			H	70	3-4	3-4	4	4-5	2	S	S	NS
VIOLET C4R VIOLET 12			H	80	3-4	4	3-4	5	2-3	S	S	NS
MAGENTA MB VIOLET 13			H	80	3-4	3-4	3-4	5	1	S	S	NS
BLUE MR BLUE 4			H	80	6	4	3-4	4-5	2	S	S	NS
BLUE M2R BLUE 81			H	80	4	4-5	3-4	4	2	S	S	NS
NAVY BLUE M3R BLUE 9			H	70	3-4	4	4-5	3	3	S	S	NS

Q **REACTIVE BLACK DYES**
(Bismonochlorotriazine Class)

PRODUCT NAME C.I. No.	DYING SHADE		GENERAL PROPERTIES		FASTNESS PROPERTIES				SUITABILITY		
			SOLUBILITY AT 30°C	DISCHARGEABILITY	LIGHT	WASHING	PERSPIRATION	BLEACHING	EXHAUST 60°C	BATH PAD BATCH	PRINTING
	1 %	2 %									
BLACK B BLACK 5			100	G	4	4-5	5	4	S	S	S
BLACK WNN			150	5	4	4-5	4	3	S	S	S
SUPRA BLACK G			140	G	4	4-5	5	5	S	S	S
SUPRA BLACK R			140	G	4	4	4-5	4-5	S	S	S
BLACK GDN			150	4-5	5	4-5	4	4	S	S	S
BLACK N-150			145	6	4-5	4-5	5	3	S	S	S
BLACK HFGR			140	5	5	4-5	4-5	2	S	S	S




Our Reach



**MANUFACTURER & EXPORTER
OF DYES & PIGMENTS**

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Unit -II: C-1/3504 Opp.Swastik pumps,
Phase-IV, GIDC, Vatva, Ahmedabad -382245, INDIA.

