



DEO PIYU INDUSTRIES

MANUFACTURER EXPORTER OF DYESTUFFS

DEO PIYU DYESTUFFS

DIRECT DYES

About Us



"DEO PIYU INDUSTRIES" Since 1992, We call it a GEN-NXT organization, after striving Efforts & Sheer Dedication towards Learning the roots of Dyestuffs & Intermediates, Delivering most comprehensive range of high quality Dyes, today we are proud to own brand name "DEO PIYU" The Growth & Success of DEO PIYU INDUSTRIES is because of the work force & Management of Team behind the res carpet. Confidence behind the quality is due to our client happiness, superior technology behind every equipment, process of continuous growth and becoming leader worldwide is aim of this Young DEOPIYU INDUSTRIES. We like our Dyes to speak more than us is our Mantra.

MISSION : DEO PIYU INDUSTRIES is totally committed for timely delivery, Keeping look on consistence of quality of our product, we believe to make DEO PIYU INDUSTRIES a Customer Centric Company.

VISION : Conservation of Environment and give Colourful world to our next generation (COLOR CHEMISTRY FOR EVER) by making our DEO PIYU DYES under Eco-logical aspects.

QUALITY ASSURANCE : DEO PIYU INDUSTRIES is a Certified Company and Member of GCCI and Chemexill as well. Our Motto is performance Based high quality dyes with consistant quality having State of the art Laboratory. DEO PIYU is well equipped with all international Standards of Testing Equipment Which ensures which quality of Products.

ECO FRIENDLY : We fully understand our liability towards society of which we are part of DEOPIYU INDUSTRIES religiously follows the statutory norms set by Government in order to minimize our pollution. We urges the reader to take care of our Environment in order to fulfill our motto of " COLOR CHEMISTRY FOR EVER" for our next generation.

EXPANSION PLANS : DEO PIYU INDUSTRIES presently have capacity to fulfill monthly requirement of 3000 MT Dyes, The 4 Spray Dryers With Hourly capacity of 1800 litre is one of the Ultra-Modern Drying Facility the Company possess. DEO PIYU INDUSTRIES also set up second plant in newly developing industrial area of Gujarat in Dahej. where company is estimating to make around 500 MT/ month of Reactive Dyes and 200 MT/ Month of Intermediates.

CLIENTS : Being a Young company DEO PIYU INDUSRIES is proud to inform that most of its clients are based in almost 30 countries around the world starting from East to West, We are fortunate for working with Multi Nationals around the Globe.



DEOPIYU DYES ON COTTON

1. INTRODUCTION

Deopiyu Dye stuff Industries offers a wide range of direct dyes for coloration cellulosic material. They are used for dyeing cotton, wool, silk viscose rayons, jute blends and union fabrics containing the cellulosic fibre using conventional equipment, for example becks, package dyeing machine winches, jigs and padding machines.

2. PREPARATION OF GOODS

It is necessary to remove all impurities from grey yarn of fabric to ensure level dyeing, good penetration of dyestuffs and maximum brightness of the shade. Size may be removed by boiling the goods in alkaline detergent solution. In case of bleached goods, it is advisable to wet the material with a suitable wetting agent, 0.75 g/l in hot and then it is rinsed in water.

3. DYEING METHODS

Two dyeing methods are recommended.

Dyeing Method No. 1:

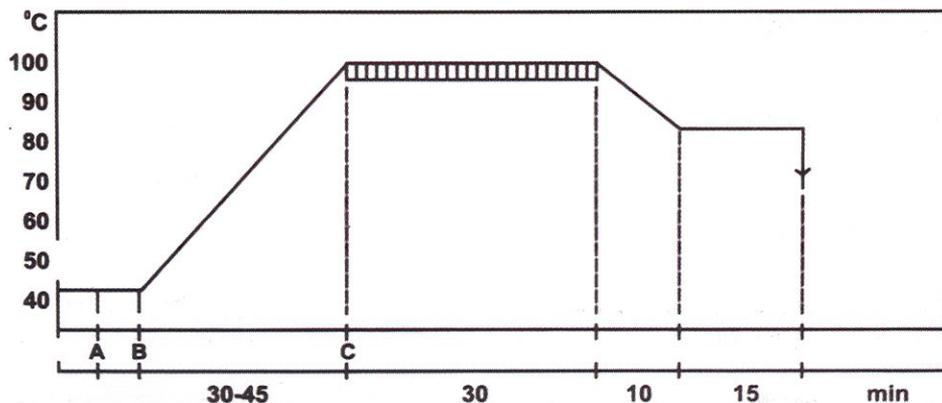
The dyebath is prepared using

- X% Dyestuffs
- 0.5-2.0% Soda ash and
- 0.5-30.0% Calcined Glauber's salt of common salt

The dyeing is started at 50°C, the temperature is raised to 90 - 95°C and the material is boiled for 45-60 minutes. The addition of salt should be made in gradual stage.

Dyeing Method No. 2:

Same as method No. 1, but without addition Soda ash. This method is generally used which is described as under.



- A: X% Deopiyu dye
- B: 1-8 g/l Anhydrous Glauber's Salt
- C: 4-32 g/l Anhydrous Glauber's Salt

- Set the dyebath at 40°C with required amount of water and dye.
- Run for 10 minutes and add anhydrous Glauber's Salt (B)
- Enter the goods and run for 10 minutes.
- Raise the temperature to boil within 30 to 45 minutes.
- Add anhydrous Glauber's Salt (C) and continue the dyeing for 30 minutes.
- Decrease the temperature to 80°C within 10 minutes and continue the dyeing or 15 minutes.
- Drain the dye bath at 70°C. Give two cold washes and dry.
- If required, treatment of cationic dye fixing agent may be given to improve the fastness properties

Note : High dye yield & the best reproducibility can only be achieved by a process-controlled cooling & holding phase at 80°C

Shading : Cool to 70°C, add the shading dyes, raise the temperature to 90°C in 15 mins. & treat as usual.

4. ILLUSTRATION

The shades shown in the shade card were prepared on unmercerised cotton fabrics. (The information in the shade card is given in good faith but without warranty, freedom from rights must not be assumed.)



DEO PIYU INDUSTRIES

MANUFACTURER EXPORTER OF DYESTUFFS

0.5%	1.0%	2.0%	PRODUCT NAME
			DIRECT YELLOW CFG (DIRECT YELLOW 8)
			DIRECT YELLOW 3GX (DIRECT YELLOW 6)
			DIRECT PAPER YELLOW T (DIRECT YELLOW 11)
			DIRECT CRY SOPHENINE G (DIRECT YELLOW 12)
			DIRECT FAST YELLOW RR (DIRECT YELLOW 28)
			DIRECT YELLOW 5GLL (DIRECT YELLOW 44)
			DIRECT YELLOW RLL (DIRECT YELLOW 50)
			DIRECT YELLOW 2RLX (DIRECT YELLOW 86)
			DIRECT SUN YELLOW RCH (DIRECT YELLOW 99)
			DIRECT YELLOW ABRL (DIRECT YELLOW 106)
			DIRECT YELLOW CNG (DIRECT YELLOW 132)
			DIRECT YELLOW PG (DIRECT YELLOW 142)
			DIRECT ORANGE SE (DIRECT ORANGE 26)
			DIRECT ORANGE GLL (DIRECT ORANGE 39)
			DIRECT ORANGE WSS (DIRECT YELLOW 102)



DEO PIYU INDUSTRIES

MANUFACTURER EXPORTER OF DYESTUFFS

0.5%	1.0%	2.0%	PRODUCT NAME
			DIRECT VISCOSE ORANGE A (DIRECT ORANGE 108)
			DIRECT ORANGE 2RF (DIRECT ORANGE 118)
			DIRECT PINK B (DIRECT RED 9)
			DIRECT BORDEAUX BW (DIRECT RED 13)
			DIRECT BORDEAUX 6B (DIRECT RED 16)
			DIRECT FAST SCARLET 4BS (DIRECT RED 23)
			DIRECT RED 4BLA (DIRECT RED 24)
			DIRECT RED 8BR (DIRECT RED 26)
			DIRECT CONGO RED (DIRECT RED 28)
			DIRECT RED 12B (DIRECT RED 31)
			DIRECT RED 5BR (DIRECT RED 36)
			DIRECT RED 8CR (DIRECT RED 54)
			DIRECT PINK 2B (DIRECT RED 75)
			DIRECT RED 6BL (DIRECT RED 79)
			DIRECT RED 3BL (DIRECT RED 80)



DEO PIYU INDUSTRIES

MANUFACTURER EXPORTER OF DYESTUFFS

0.5%	1.0%	2.0%	PRODUCT NAME
			DIRECT RED 5BL (DIRECT RED 81)
			DIRECT RUBINE 2RL (DIRECT RED 83)
			DIRECT RED BNLN (DIRECT RED 89)
			DIRECT RED GR2 (DIRECT RED 111)
			DIRECT RED F2R (DIRECT RED 224)
			DIRECT FAST ROSE FR (DIRECT RED 227)
			DIRECT SCARLET 4BNX (DIRECT RED 239)
			DIRECT RED BWR (DIRECT RED 243)
			DIRECT BORDEAUX BCN (DIRECT RED 250)
			DIRECT FAST RED BFX (DIRECT RED 254)
			DIRECT PINK 2C (DIRECT RED 264)
			DIRECT BRILLIANT FAST VIOLET 2R (DIRECT VIOLET 7)
			DIRECT BRILLIANT FAST VIOLET NB (DIRECT VIOLET 9)
			DIRECT PAPER VIOLET BL (DIRECT VIOLET 35)
			DIRECT BRILLIANT FAST HELIO B (DIRECT VIOLET 51)



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MANUFACTURER EXPORTER OF DYESTUFFS

0.5%	1.0%	2.0%	PRODUCT NAME
			DIRECT VIOLET 4BL (DIRECT VIOLET 66)
			DIRECT TURQ. BLUE GL (DIRECT BLUE 86)
			DIRECT TURQ. BLUE FBL (DIRECT BLUE 199)
			DIRECT SKY BLUE FB (DIRECT BLUE 1)
			DIRECT BLUE 2B (DIRECT BLUE 6)
			DIRECT BLUE G (DIRECT BLUE 8)
			DIRECT SKY BLUE FF (DIRECT BLUE 15)
			DIRECT BLUE NB (DIRECT BLUE 54)
			DIRECT BLUE 3RL (DIRECT BLUE 67)
			DIRECT LIGHT FAST BLUE GL (DIRECT BLUE 71)
			DIRECT BLUE 4GLS (DIRECT BLUE 78)
			DIRECT BLUE 2RLL (DIRECT BLUE 80)
			DIRECT BLUE TLEN (DIRECT BLUE 94)
			DIRECT COPPER BLUE 2R (DIRECT BLUE 151)
			DIRECT SUPRA BLUE 2R (DIRECT BLUE 200)



DEO PIYU INDUSTRIES

MANUFACTURER EXPORTER OF DYESTUFFS

0.5%	1.0%	2.0%	PRODUCT NAME
			DIRECT SUPRA BLUE BRL (DIRECT BLUE 201)
			DIRECT LIGHT BLUE 5GLL (DIRECT BLUE 218)
			DIRECT BLUE GPRF (DIRECT BLUE 273)
			DIRECT BLUE PR (DIRECT BLUE 294)
			DIRECT GREEN PLS (DIRECT GREEN 1)
			DIRECT GREEN B (DIRECT GREEN 6)
			DIRECT GREEN BL (DIRECT GREEN 26)
			DIRECT GREEN 2BN (DIRECT GREEN 96)
			DIRECT GREEN CRD (DIRECT GREEN 111)
			DIRECT GREEN NBX (DIRECT GREEN 114)
			DIRECT BROWN MR (DIRECT BROWN 2)
			DIRECT BROWN GSXN (DIRECT BROWN 44)
			DIRECT BROWN BRLL (DIRECT BROWN 95)
			DIRECT BROWN AGLR (DIRECT BROWN 115)
			DIRECT BROWN RLN (DIRECT BROWN 116)



DEO PIYU INDUSTRIES

MANUFACTURER EXPORTER OF DYESTUFFS

0.5%	1.0%	2.0%	PRODUCT NAME
			DIRECT BROWN CBR (DIRECT BROWN 123)
			DIRECT BROWN GTL (DIRECT BROWN 210)
			DIRECT BROWN GG (DIRECT BROWN)
			DIRECT BROWN X3R (DIRECT BROWN)
			DIRECT DIAZO BLACK BT (DIRECT BLACK 2)
			DIRECT FAST BLACK G (DIRECT BLACK 19)
			DIRECT BLACK VSF (DIRECT BLACK 22) (2400%)
			DIRECT BLACK EXTRA CONS (DIRECT BLACK 38)
			DIRECT GREY L (DIRECT BLACK 51)
			DIRECT GREY BR (DIRECT BLACK 56)
			DIRECT GREY 4GLN (DIRECT BLACK 62)
			DIRECT BLACK OBN (DIRECT BLACK 80)
			DIRECT GREY CGN (DIRECT BLACK 112)
			DIRECT BLACK BGF (DIRECT BLACK 155)
			DIRECT BLACK BFR (DIRECT BLACK 155)



WORKERS

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STORAGE

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COTTON MANUFACTURING

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TEXTILE INDUSTRY

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TEXTILE MACHINERY

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MANUFACTURING OF YARN

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