



Kiri Industries Limited

Future Full of Colours.....



Kiri Industries Ltd. ("KIL") is one of the largest Indian multinational company in Synthetic Organic Dyes, Dye Intermediates and Chemical sectors, having strong customer base across all seven continents.

KIL has modern Synthetic Organic Dyes manufacturing facilities at Ahmedabad, Gujarat State, India for 44,000 MTPA comprising of Reactive Dyes, Acid Dyes and Disperse Dyes while Dye Intermediates plant at Padra, Dist. Vadodara, Gujarat State, India having country's largest capacity at single location - 53,200 MTPA Including specialty intermediates comprising of Vinyl Sulphone and other VS Derivatives and H-Acid along with Basic Chemicals plant of 2,37,250 MTPA capacity including Thionyl Chloride.

KIL is an accredited and certified Key Business Partner with the world's top Dyestuff majors across Asia-Pacific, the EU and America. It has sophisticated quality control practices and procedures, modern manufacturing facilities and ERP driven enterprise management that enabled KIL to offer internationally recognized quality products and services.

KIL has successfully brought about new products during its' journey of about 25 years and has developed new manufacturing processes giving KIL a leadership position on one hand while significantly contributing to product performance and customer satisfaction by continuously enhancing economy, care for environment and sustainability on other hand.

KIL is a listed entity in India having about 2100 employees working at all sites.



► **Kirazol VS Dyes**

- Suitability – For Exhaust dyeing and for some semi continuous dyeing, CPB and Printing
- Economical multi use product range
- Broad selection available from a wide shade range
- Range of products suitable for discharge ground and good fastness properties

► **Kiractive ME Dyes**

- Commodity bi-functional dyes for economical light to medium shades
- Suitability – For Exhaust dyeing and for some semi continuous dyeing and CPB
- Wide range of products to cover broad shade gamut
- Good build-up behavior for deep shades
- Good wash fastness level & good reproducibility

► **Kiractive HE Dyes**

- Economical Monochlorotriazine Dyes
- Suitability – All dyes for Hot Exhaust dyeing
- Wide range of products to cover broad shade gamut
- Good build-up behavior for deep shades
- Good wash fastness level & good reproducibility
- Levelled dyeing of difficult substrate with HE Uconc dyes

► **Kiractive Printing Dyes**

- Monochlorotriazine dyes having low substantivity
- Suitability – Printing
- Wide range of products to cover broad shade gamut
- Good build-up & reproducibility
- Good wash fastness level
- Resistance to oxidative bleach damage

► **Kirazol KR Dyes**

- Modified bi-functional dyes
- Suitability – All dyes for Exhaust dyeing and some for semi continuous dyeing and CPB
- Very good leveling & compatibility
- Ideal for light to medium shades

► **Kirazol KX / KX Conce Dyes**

- Modified bi-functional dyes
- Suitability – For Exhaust dyeing, semi continuous dyeing and CPB Suitable for medium to deep build up properties
- Resistant to oxidative bleach damage
- Kirazol KX Conc. Dyes are highly suitable for very deep shades.

► **Kiractive KF Dyes**

- Hetero bi-functional dyes with high fiber affinity even under low salt
- Suitability – For Exhaust dyeing and some for semi continuous dyeing
- Wide range of products to cover broad shade gamut
- Very good build-up behavior
- Good fastness level & good reproducibility
- Resistant to oxidative bleach damage

► **Kirazol KV Dyes**

- Hetero bi-functional dyes with high fiber affinity even under low salt
- Suitability – For Exhaust dyeing and some for semi continuous dyeing and CPB
- Very good build-up behavior
- Good wash fastness level & good reproducibility
- Resistant to oxidative bleach damage

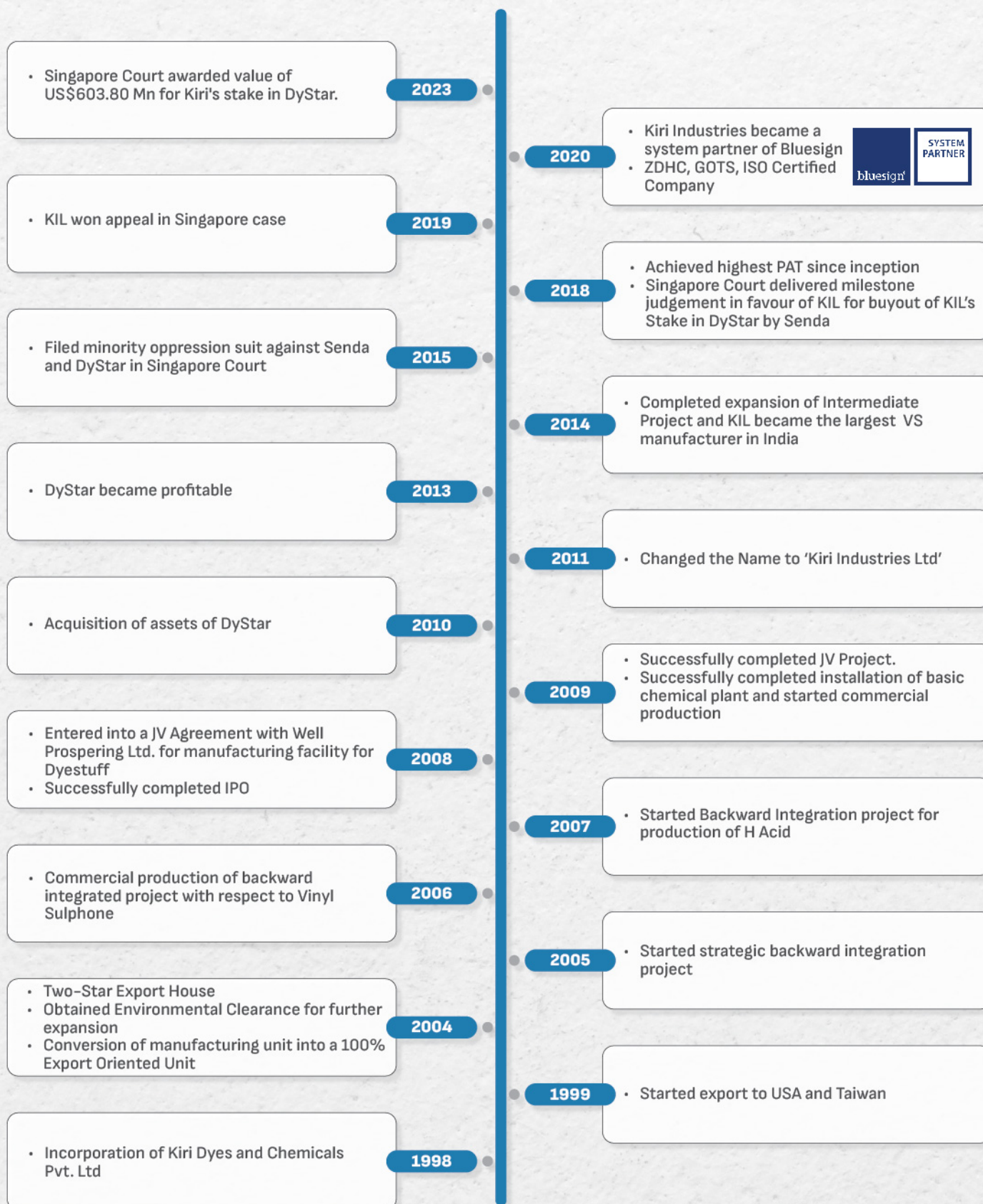
► **Kirafix KHLF Dyes**

- Good Light fastness achieved economically in pale & medium shades
- High fixation
- Suitable for short – Liquor ratio dyeing
- For pale, medium & economical dark shades

► **Kiractive Eco friendly Dyes**

- Practically free of p-CA or other regulatory controlled arylamines
- Superior fastness compared to other conventional reactive black based products
- Free of Heavy metal
- Versatile application in exhaust, cold pad batch and continuous dyeing

Key Milestones



**KIL is a technology-driven emerging global player
as well as a premier budding specialty chemicals player**

Manufacturing Facilities



Location:
Ahmedabad, India

Products manufactured:

- S. O. Dyes
- Disperse Dyes

Capacity Installed:

- Reactive Dyes : 36,000 MTPA
- Disperse Dyes: 8,000 MTPA

Unit I, Unit II & IV



Location:
Vadodara, India

Products manufactured:

- Sulphuric acid
- Oleum
- Chloro-sulphonic acid along with 3.3 MW steam based power plant

Capacity Installed:

- Basic Chemicals : 500 TPD (182,500 MTPA)
 - » Sulphuric Acid – 280 TPD
 - » Oleum – 23% – 50 TPD
 - » Oleum – 65 % – 70 TPD
 - » Chloro Sulphonic Acid – 100 TPD
- Thionyl Chloride – 150TPD

Unit V



Location:
Vadodara, India

Products manufactured:

- Intermediates – V. S. H. Acid and other specialties.

Capacity Installed:

- Commodity Intermediates : 25,200 MTPA
- Vinyl Sulphone – 18,000 MTPA
- H-Acid – 7,200 MTPA
- Specialty Intermediates : 16,000 MTPA
- Acetanilide – 12,000 MTPA

Unit III



Location:
Vadodara, India

Products manufactured:

- Reactive Dyes

Capacity Installed:

- 50,000 MTPA

Note:

- A JV Company between Zhejiang Longsheng (China) (60%) and KIL (40%).
- Engaged in the activity of manufacturing and selling reactive dyes.

Lonsen Kiri Plant JV with Longsheng (China)

Key Strengths

- High entry barriers due to a stringent process of acquiring new permissions.
- Heavy capital expenditure.
- Strict implementation of environmental and pollution norms.

Entry Barrier

Diversification

- The research and development department broadly comprises various processes for developing new products and standardizing new analytical methods.
- It focuses especially on technologies that improve products and processes.
- The team continuously interacts with consumers to obtain feedback on its existing as well as new products to complement its product development activities.

- Ability to integrate and offer value added products.
- One of the largest manufacturers of Reactive Dyes, Dye Intermediates, Specialty Intermediates and Basic Chemicals with support of backward integration.

Research & Development

Competitive Position

- Their facility is versatile and has the flexibility to produce Reactive Dyes, acid / metal complex dyes and wool reactive dyes.
- By virtue of large scale facilities and fully integrated operations from manufacturing of basic chemicals, dye intermediaries and dyes, the Company derives benefits of economies of scales and high standards of quality control.

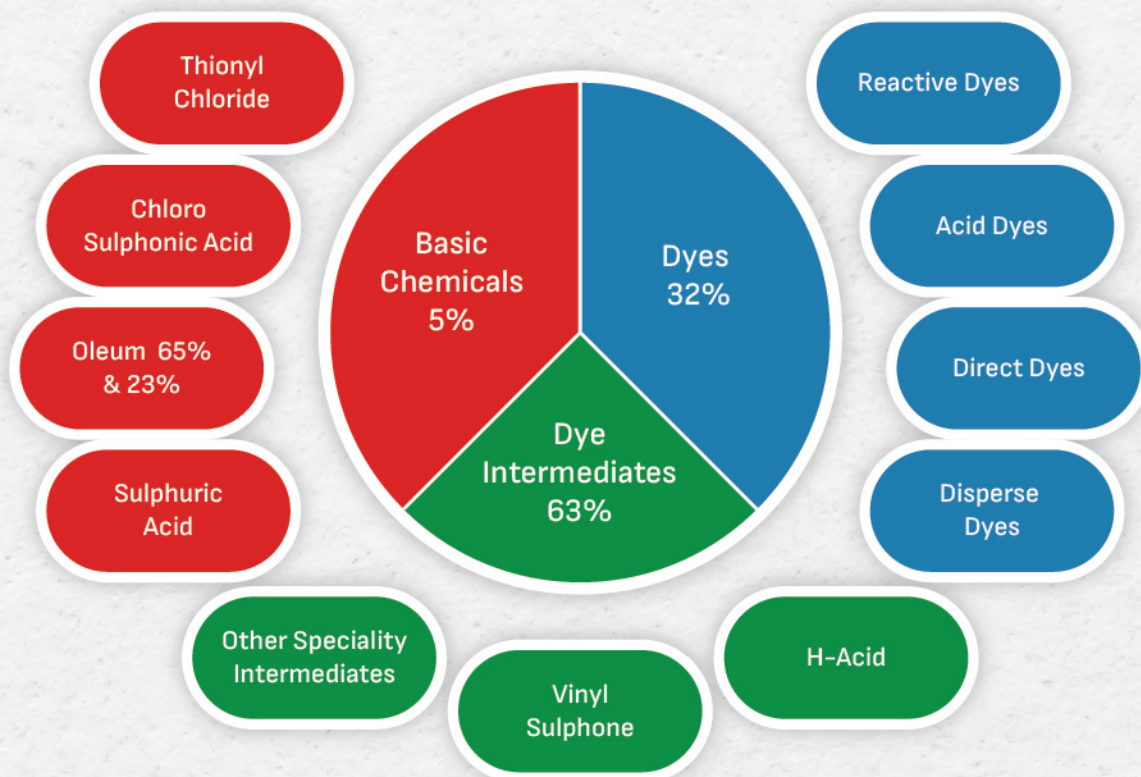
- The Company established a track record of long-term relationship with key global names and the ability to pass on price increases.

Manufacturing Facility

Experienced Board

- The Company has dedicated and experienced promoters.
- The Board consists of a healthy mix of promoters and independent directors who ensure high levels of corporate governance.

Business and Product Mix



Benefits of



- The Company's focus on becoming a Zero Waste company has ensured that Spent Acids are a source of revenue (converted into commercially viable products) and not a source of expense (frees the hassles of management and disposal of the by-products).
- In an industry where non-conformance leads to plant shutdowns, Zero Waste convinces buyers of the sustainability factor of operations, resulting in supply consistency.

Geographical Presence



Awards and Accolades



Award for Direct Export of
Self Manufactured Dyes

2000-01



Platinum Award for
Small Scale Sector

2002-03



Trishul Award for
Small Scale Sector

2005



Chemexcil
Gold Award

2006-07



First Award for Direct Export
of Self Manufactured Dyes

2008-09



First Award for Direct Export
of Self Manufactured Dyes

2009-10



Outstanding
Entrepreneur Award

2011



Certificate for The Next
Fortune 500 Companies

2017



Industrial
Safety Award

2018



System Partner
of Bluesign

2020

Notes





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