



Bodal Chemicals Limited

Investor Presentation – November 2023



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Q2 & H1FY24 Highlights

Business Highlights

H1FY24

Rs.6,772 mn
Revenue

Rs.604 mn
EBITDA

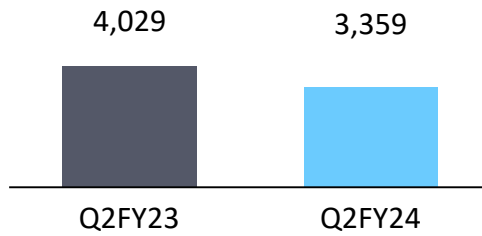
Rs.35 mn
PAT

- During H1FY24, Turnover declined due to decline in prices of RM as well as FG. Margin for the Q2FY24 has remain similar but H1FY24 has declined as there was better performance in Q1FY23. Demand for the quarter was once again subdued. Total revenue for the H1FY24 stood at Rs.6,772 mn, a de-growth of 22% on a YoY basis.
- Inflation in major economies continuous to be higher level than the normal leading to lower purchasing power with mass. Which results in lower consumption at end user industries and lower demand for our industry. Uncertainty for end of war between Russia and Ukraine further decelerated demand scenario of chemical industry.
- Slow exports for textile, leather and paper leading to subdued performance of Dyestuff over the last few quarters. Revenue contribution from dyestuff stood at Rs 2,266 mn in H1FY24, has reported de-growth of 28% on a YoY basis. On positive side, Dyes intermediates revenue stood at Rs.2,048 mn in H1FY24, has reported growth of 16% on YoY basis mainly on account of improved volume. In Basic chemicals – Sulphuric Acid and other products, despite of growth in volume by 12%, the revenue stood at Rs.631 mn, a de growth 42% YoY basis. This decline in revenue is due to decline in prices of RM as well as FG. Average prices of our key products, i.e., H Acid and Vinyl Sulphone in Q2FY24 to Rs 419 per kg and Rs.215 per kg, respectively.
- Chlor Alkali business has reported de-growth in revenue as well as steep decline in margin due to adverse market condition of Caustic-Chlorine industry. In H1FY24, post up-gradation capex, despite of growth in volume by 16%, due to a substantial price reduction, Chlor Alkali revenue stood at 1,293 mn, a de growth 26% on YoY basis.
- Sener Boya, our Turkish company, has performed satisfactory though there is global headwinds in chemicals industry. Whereas other subsidiaries have incurred nominal loss.
- Management is taking measures in terms of scale, costs and integration that will help to sail through in this tough time. Our Saykha Greenfield Project is expected to start trial run of Benzene Derivatives in Q3FY24. Once we have decent visibility of demand for our product portfolio and new site is stabilized, we will restart the Sulphuric Acid project.

Performance Highlights

Q2 FY24 Performance

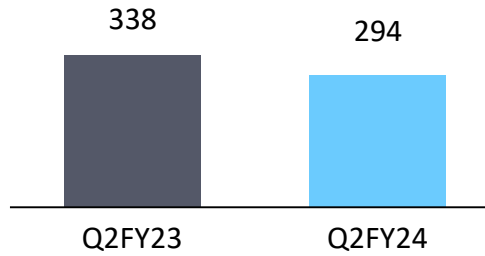
Revenue (Rs. In Mn)



EBITDA (Rs. In Mn)

8.4%

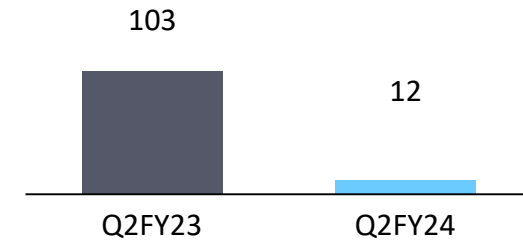
8.8%



PAT (Rs. In Mn)

2.5%

0.4%

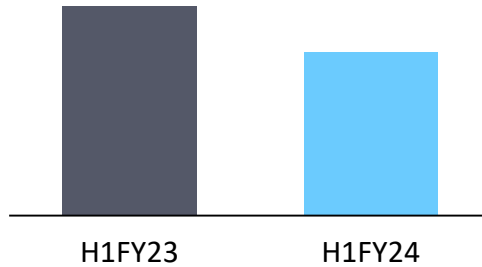


Margin

H1FY24 Performance

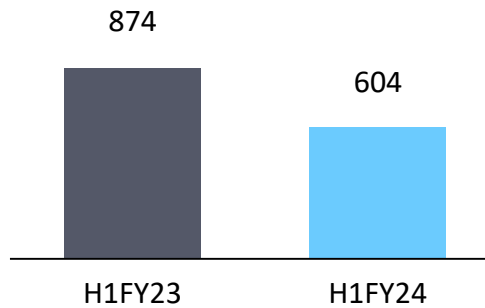
8,694

6,772



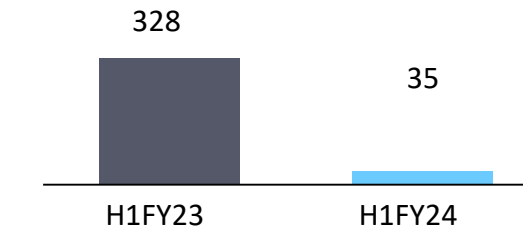
10.1%

8.9%



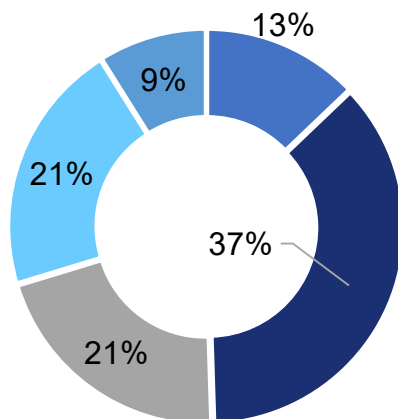
3.8%

0.5%

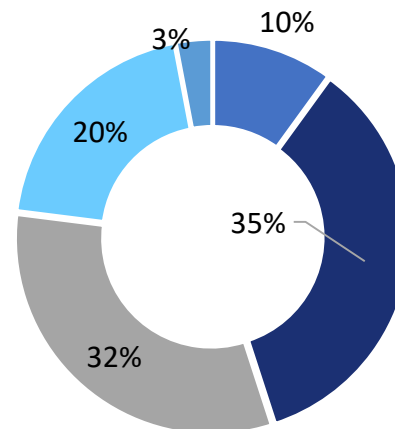


Performance Highlights

H1 FY23
Revenue Rs 8,498 mn



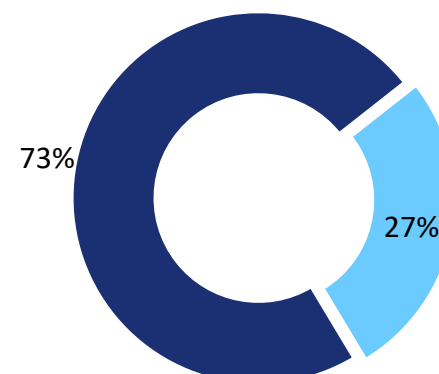
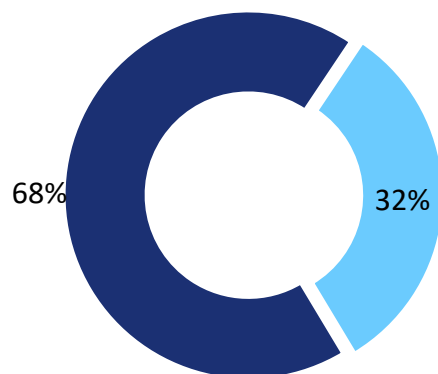
H1 FY24
Revenue Rs 6,456 mn



- Basic Chemicals
- Dyestuff
- Dye Intermediates
- Caustic Soda
- Others

Revenue Breakup

Geographic Breakup



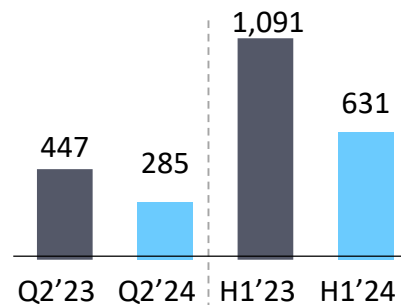
- Domestic
- Export

Performance Highlights

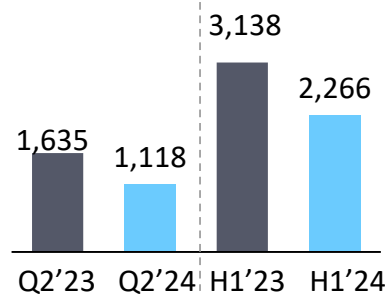
(Rs in mn)

Basic Chemicals

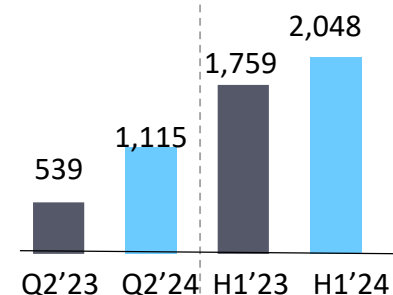
Revenue Breakup



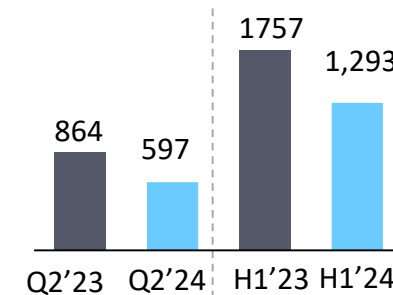
Dyestuff



Dye Intermediates



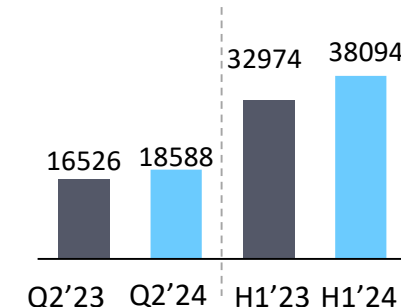
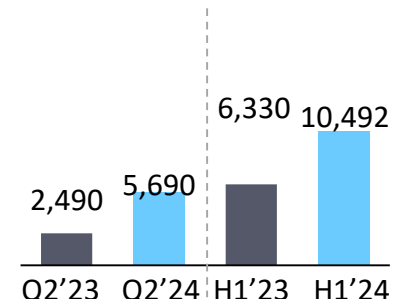
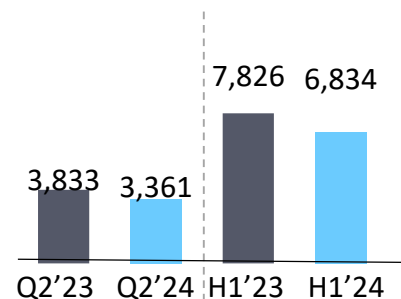
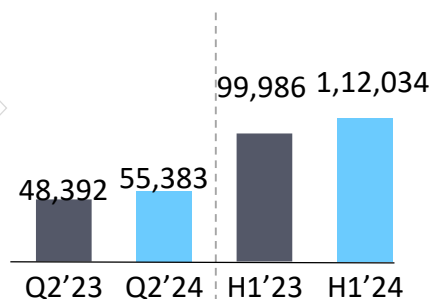
Chlor Alkali^



*Revenue breakup on a Consolidated basis

(MT)

Production Volume



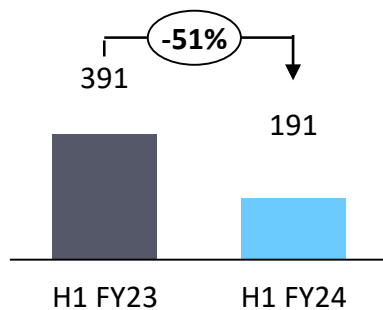
* Production Volume on a Standalone basis due to limited information on subsidiaries

^Production volume - Caustic Soda only

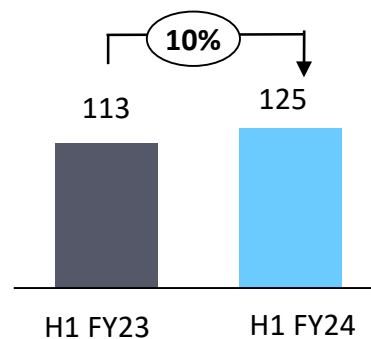
Subsidiaries Performance

(Rs in mn)

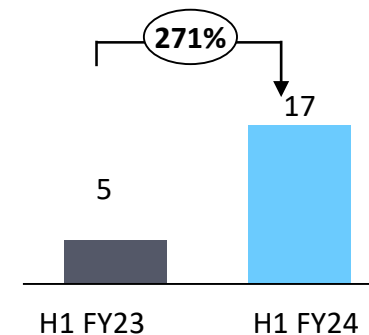
Sen-er Boya



BCL China



BCL Indonesia



Particulars (Rs in mn)	Sener Boya		Bodal-China		Bodal-Indonesia	
	H1 FY23	H1 FY24	H1 FY23	H1 FY24	H1 FY23	H1 FY24
Sales	390.5	190.8	113.4	125.3	4.5	16.5
PBT	61.1	27.2	0.4	-3.8	-3.0	-2.7
PAT	54.6	22.3	0.4	-3.8	-3.0	-2.7

Revenue

Consolidated Profit & Loss Statement

Particulars (Rs. In Mn)	Q2 FY24	Q2 FY23	Y-o-Y%	H1 FY24	H1 FY23	Y-o-Y%
Revenue from Operation	3,300.0	4,012.2		6,624.8	8,639.8	
Other Income	59.3	16.9		147.1	54.7	
Total Revenue	3,359.3	4,029.1	-16.6%	6,771.9	8,694.5	-22.1%
Raw Material Consumed	1,717.2	2,406.5		3,432.7	5,002.7	
Employee Expenses	260.0	248.6		492.4	532.6	
Other Expenses	1,087.9	1,036.2		2,243.0	2,285.4	
EBITDA	294.1	337.8	-12.9%	604.0	873.9	-30.9%
EBITDA (%)	8.8%	8.4%		8.9%	10.1%	
Depreciation	143.1	121.9		289.6	245.2	
EBIT	151.0	215.9		314.3	628.7	
EBIT (%)	4.5%	5.4%		4.6%	7.2%	
Finance Cost	134.2	72.6		265.6	193.4	
Profit Before Tax	16.8	143.3		48.7	435.3	
Tax	4.4	40.62		14.2	107.32	
Profit After Tax	12.4	102.7	-87.9%	34.5	328.0	-89.5%
Profit After Tax (%)	0.4%	2.5%		0.5%	3.8%	
EPS (in Rs.)	0.1	0.8		0.3	2.6	

Standalone Profit & Loss Statement

Particulars (Rs. In Mn)	Q2 FY24	Q2 FY23	Y-o-Y%	H1 FY24	H1 FY23	Y-o-Y%
Revenue from Operation	3,277.0	4,046.1		6,534.5	8,563.5	
Other Income	61.1	9.8		97.6	20.6	
Total Revenue	3,338.1	4,055.9	-17.7%	6,632.1	8,584.1	-22.7%
Raw Material Consumed	1,720.0	2,457.9		3,373.7	5,021.4	
Employee Expenses	251.4	242.6		473.8	521.1	
Other Expenses	1,082.1	1,031.7		2,227.7	2,294.8	
EBITDA	284.6	323.8	-12.1%	556.9	746.9	-25.4%
EBITDA (%)	8.5%	8.0%		8.4%	8.7%	
Depreciation	140.8	118.1		284.9	239.1	
EBIT	143.8	205.7		271.9	507.8	
EBIT (%)	4.3%	5.1%		4.1%	5.9%	
Finance Cost	129.0	64.8		242.7	133.5	
Profit Before Tax	14.8	140.9		29.2	374.3	
Tax	4.6	38.4		8.2	98.8	
Profit After Tax	10.3	102.5	-90.0%	21.0	275.5	-92.4%
Profit After Tax (%)	0.3%	2.5%		0.3%	3.2%	
EPS (in Rs.)	0.1	0.8		0.2	2.2	

Consolidated Balance Sheet

Particulars (In Mn)	Sep-23	Mar-23
ASSETS		
Non-current assets	13,822.9	12,700.2
Property, Plant and Equipment	9,238.4	9,520.8
Right of use of assets	2.7	5.5
Capital Work-In-Progress	3,616.0	1,934.7
Goodwill	84.8	84.8
Other Intangible Assets	55.2	60.7
Financial Assets		
(i) Investments	2.2	1.9
(ii) Loans	33.0	30.3
(iii) Other financial assets	280.2	264.2
Deferred tax assets	135.7	4.6
Non-current Income tax assets (net)	4.9	140.9
Other non-current assets	370.0	651.9
Current assets	7,956.9	8,508.8
Inventories	2,902.9	2,925.3
Financial Assets		
(i) Trade receivables	3,222.1	3,581.6
(ii) Cash and cash equivalents	61.7	168.0
(iii) Bank Balances other than above (ii)	19.8	18.7
(iv) Customer Bill discounted	490.6	621.2
(v) Loans	15.3	22.6
(vi) Other financial assets	29.0	39.1
Other current assets	1,215.4	1,132.1
Assets held for sale	0.1	0.1
TOTAL - ASSETS	21,779.8	21,209.0

Particulars (In Mn)	Sep-23	Mar-23
Equity & Liabilities		
Equity	10,725.6	10,777.0
Equity Share capital	251.6	251.3
Other equity	10,474.1	10,525.8
LIABILITIES		
Non-current liabilities	4,956.1	4,218.4
Financial liabilities		
Borrowings	4,346.4	3,618.3
Lease Liabilities		
Provisions	1.3	
Deferred tax liabilities (net)	608.5	600.1
Current liabilities	6,098.0	6,213.5
Financial liabilities		
(i) Borrowings	3,335.8	3,356.4
(ii) Trade payables	1,863.9	1,778.2
(iii) Other financial liabilities	159.9	209.8
(iv) Customers Bills discounted	490.6	621.2
(v) Lease Liabilities	2.9	5.7
Other current liabilities	165.4	116.5
Provisions	69.9	115.1
Current tax liabilities (net)	6.3	7.5
Liabilities classified as held for sale	3.3	3.3
TOTAL - EQUITY AND LIABILITIES	21,779.8	21,209.0



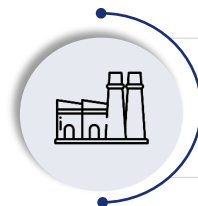
Company Overview

A Leading Chemical Manufacturer



3

Decade Old Organization



10

Manufacturing Facilities



Rs. 15,859 mn

FY23 Consolidated Revenue



70+

Distributors Across India



11

7 Domestic + 4 Overseas Depots



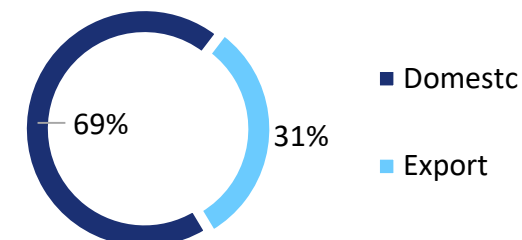
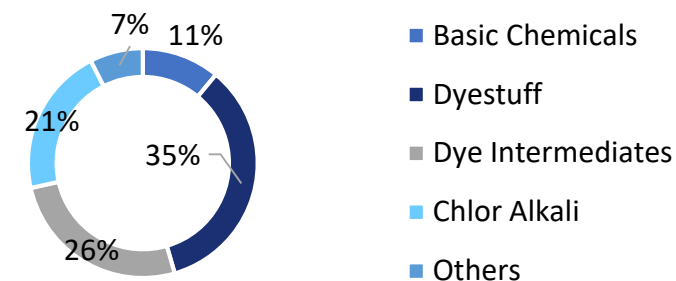
200+

Products



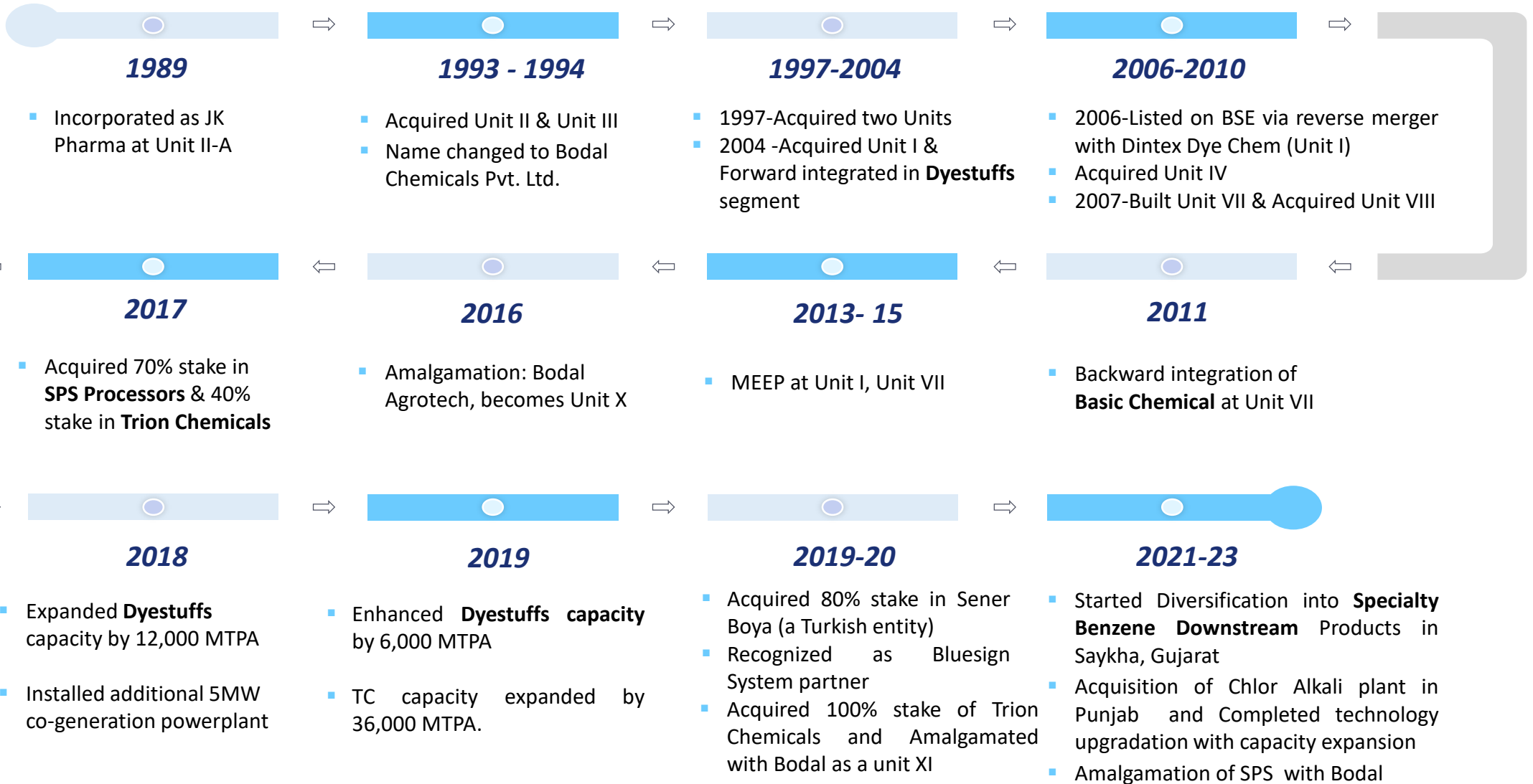
600+

Customers



Integrated Dyestuff Chemical Player Having Global Presence Across Multiple Products

Company Evolution



Geographical Footprint

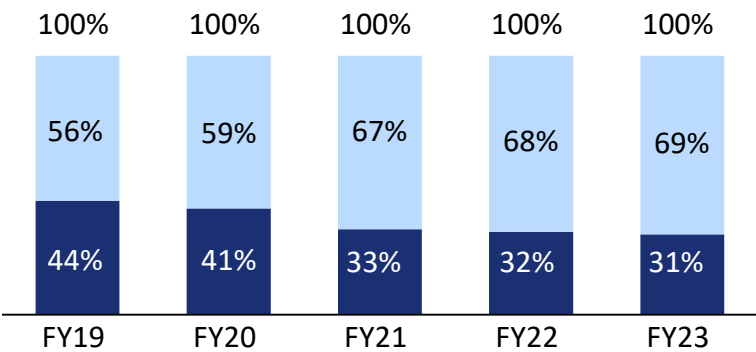
~31% of Total revenue comes from exports



30+ Countries
Global Presence

Revenue Breakup

Domestic Export



Note : Maps not to scale. All data , information are provided “as is” without warranty any representation of accuracy , timeliness or completion
Export data are as per standalone

Longstanding Clientele

Basic Chemicals

LANXESS

DEEPAK
NITRITE

MOL
MEGHMANI ORGANICS LIMITED

ADITYA BIRLA
GRASIM

GFL
GUJARAT FLUORO-CHEMICALS
VALUE THROUGH GREEN CHEMISTRY

SRF

EVONIK
POWER TO CREATE

AksharChem

Dye Intermediates

OHYOUNG

McFills Enterprises Pvt. Ltd.

COLOR ROOT

ALPS

Chemistar
COLOR ONE FOR RIGHT FIRST FINE CHEMIST

ACETO

JAY

ORNET
Intermediates

Dyestuffs

DyStar

BASF
The Chemical Company

ARCHROMA
LIFE ENHANCED

stahl

REPICO
ROHRANLAGENBAU

RIFA

HUNTSMAN
Enriching lives through innovation

TFL

Everlight Chemical

united

KISCO
SENIOR LIVING

Chlor Alkali

TRIDENT GROUP
Being different is normal

एन एफ एल
NFL

इंडियन ऑयल
IndianOil

Shreyans
GROUP

Nestle

RSPL
EVOLUTION IS CONSTANT

Arvind
FASHIONING POSSIBILITIES

Vardhman

adani wilmar
For a healthy growing nation

WELSPUN INDIA
Home Textiles



70+
Distributors Across India



600+
Customers

Experienced Board & Management Team

Mr. Suresh J. Patel *Chairman & MD*

Experience : 35 years

Background :

- Founder & Visionary of the company
- Involved in day-to-day operations & Dye Intermediates marketing
- +3 decade of experience in the chemicals manufacturing & trading

Mr. Bhavin S. Patel *Executive Director*

Experience : 19 years

Background :

- He played an instrumental role in Dyestuffs business
- He heads the Dyestuffs division including production, marketing etc
- Increased business presence in global market significantly

Mr. Ankit S. Patel *Executive Director*

Experience : 15 years

Background :

- Economics Graduate from University of Nevada & MBA from Dervi University, USA
- He heads basic chemicals division and lead the sulphuric acid and Chlor Alkali plant expansion

Mr. Mayur Padhya *Chief Financial Officer*

Experience: 27 Years

Background :

- Qualified Chartered Accountant & Cost Management Accountant
- He handles finance, corporate affairs and investor relationship

Mr. Rajarshi Gosh *Director - HSE*

Experience : 23 years

Background :

- Progressive experience in Cross functional management and senior leadership roles
- Well versed in EHSS Management, Principles of Risk Management

Mr. Rohit B. Maloo *Independent Director*

Experience : 15 years

Background :

- CA, MBA, M.Com & & CFA Level II
- Has been a practicing in the field of audit and taxation since a decade of listed companies having turnover of more than Rs. 1500 crores

Mr. Nalin Kumar *Independent Director*

Experience : 26 years

Background :

- BTech, IIT-Kharagpur, MBA, IIM-Calcutta
- Previously associated with leading financial services firms like HSBC, JP Morgan etc

Mr. Mayank Mehta *Independent Director*

Experience : 40+ years

Background :

- Banking & Finance professional with over 4 decade of experience
- Previous associated as CFO of Union Bank of India and Executive Director at Bank of Baroda

Mrs. Neha Huddar *Independent Director*

Experience : 34 years

Background :

- Qualified C.A & Finance professional with experience in funds management, audit, accounting, taxation etc.
- Previously associated with Thirumalai Chemicals as CFO & Reliance Foundation as Head Finance

Awards & Certifications

Awards

2005-06

- Received the prestigious **Chemexcil Gold Award** for outstanding performance in **Exports by Merchant Exporters Panel** of Chemexcil, Government of India

2009-10

- Award for direct export of **Dye Intermediates** and Dyestuffs from the **Gujarat Dyestuffs Manufacturers Association**.

2011-12

- CHEMEXCIL - "**Trishul Award**" - 2011-12 and 2013-14

2013-14

- Highest Self Manufacturing Turnover for Domestic and Export** of Dyes and Dye Intermediates from the **Gujarat Dyestuffs Manufacturers Association**

2015-16

- CHEMEXCIL - "**Gold Award**"

2016-17

- Highest Self Manufacturing Turnover** for Domestic and Export of Dyes and Dye Intermediates from the Gujarat Dyestuffs Manufacturers Association.
- First in **Large scale unit category** for outstanding performance on Domestic
- CHEMEXCIL - "**Award of Excellency**"

2017-18

- Second in **Large scale unit category** for Excellent performance in Export of Dyestuffs from the Dyestuffs Manufacturers' Association of India
- Listed amongst the Top 500 Indian Companies by the Dun & Bradstreet in 2018 for the second consecutive time

2018-19

- ET Enterprise Icons 2018 | Gujarat Best brand award 2018
- 25 Best Companies to Work For (Industry) 2019 by CEO Insights

2022-23

- Highest self Manufacturing Turnover from Domestic and Export of Dyes and Dye Intermediates by GDMA
- First Award for the outstanding performance in Domestic Market by Large Scale Unit by DMAI

Certifications

- BCL has ISO 9001:2015 and ISO 14001:2015 certifications for their production of Dye intermediates & Dyestuffs.
- Bluesign Certification – Recognized as Bluesign System partner – Bluesign approved Product Supplier
- GOTS (Global Organic Textile Standard) Certification
- ZDHC Certification
- ISO 45001 : 2018 Certification
- BEHIVE Certification
- ECOTAX Certification

 **Ø ZDHC**
Zero Discharge of
Hazardous Chemicals





Product Overview

Diversified Product Portfolio

Existing Products

Basic Chemicals

- Sulphuric Acid
- Chlorosulphonic Acid
- Sulphur Trioxide
- Oleum 23% & 65%
- Sodium Bisulphate
- Acetanilide
- Thionyl Chloride
- Beta Nephthol
- Para Nitro Aniline

~12
Products

Dye Intermediates

- Vinyl Sulphone & Derivatives
- H Acid
- DASA
- F.C. Acid
- Gamma Acid, K Acid
- Sulpho Tobias Acid
- 4.N.A.D.P.S.A
- 6-Nitro
- MPDSA
- Meta Ureido Aniline
- 1:2:4 DIA7O

~25
Products

Dyestuffs

- Reactive Dyes
- Acid Dyes
- Direct Dyes
- Liquid Dyes

~175
Products

Chlor Alkali

- Caustic soda
- Chlorine
- Hydrogen
- Hydrochloric Acid (HCL)
- Sodium Hypochlorite (HYPO)
- Stable Bleaching Powder (SBP)

6
Products

New Products Additions

Benzene Derivative

- MCB
- PNCB
- ONCB
- MNCB

End User
Industries



Textiles



Leather



Paper



Water Treatments



Home Care



Pharma



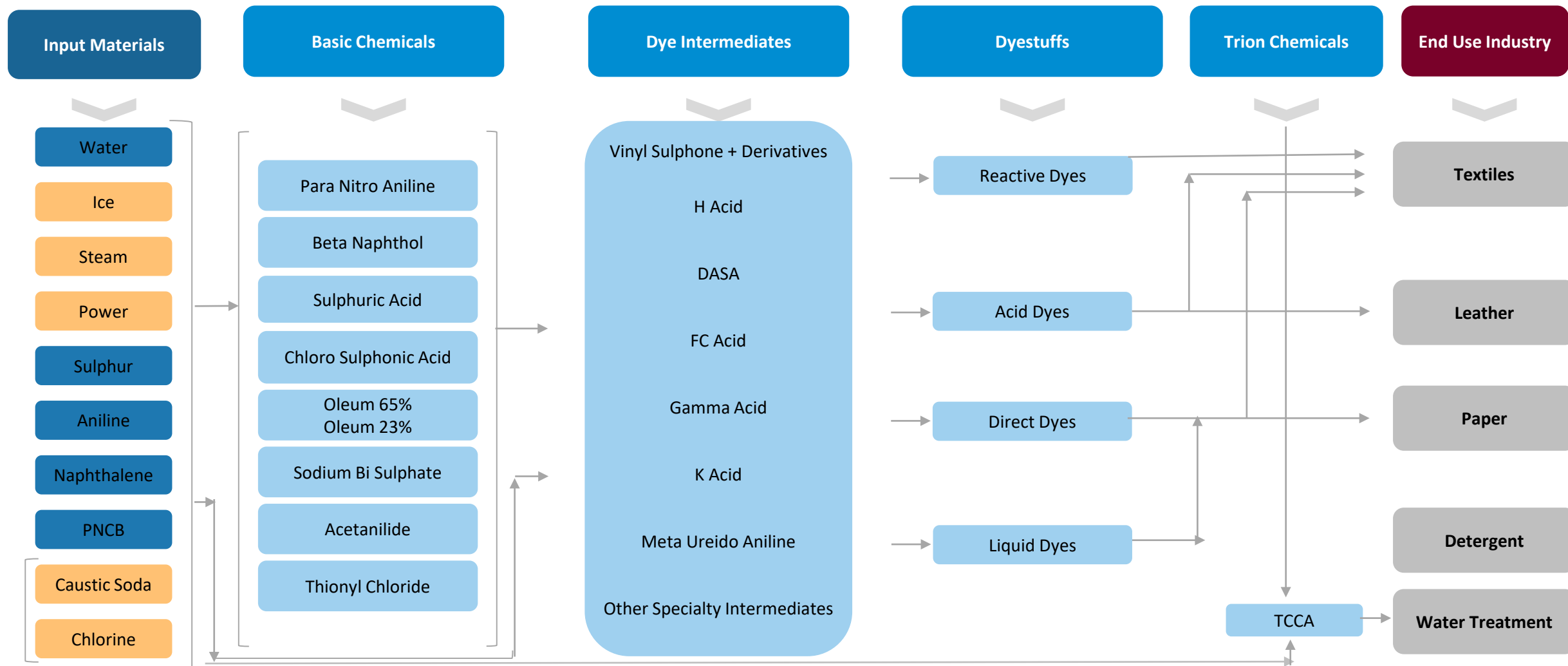
Agro-Chemical



Home Care

Moving From Integrated Dyestuffs Player to Niche Value-added Products

Manufacturing Value Chain



Orange box: Input Materials – part/full in-house

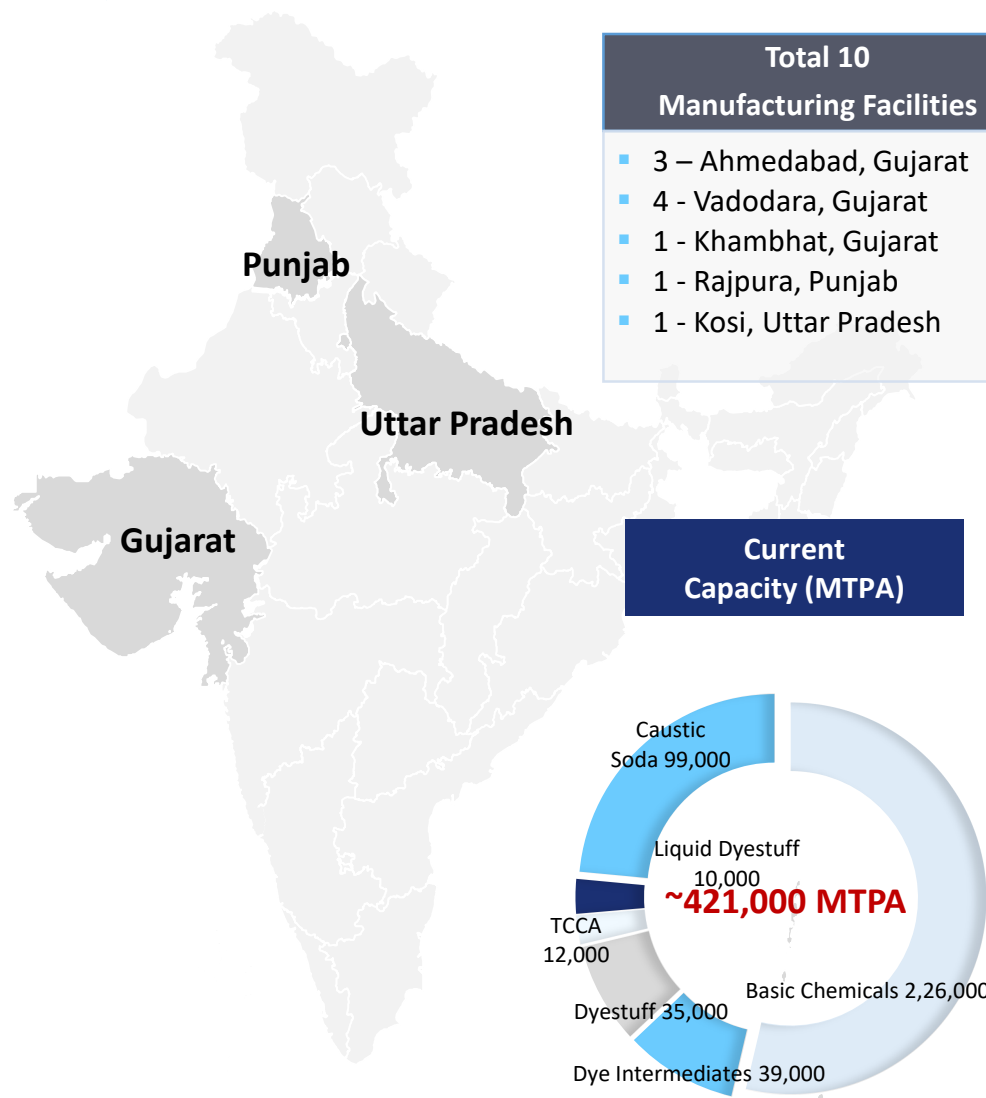
Blue box: Input Materials – external

Light blue box: Bodal Chemicals Products

Grey box: End use industries

~ 48% of the Basic Chemicals to be captively consumed by Dye Intermediates and
~ 43% of Dye Intermediates output to be consumed by Dyestuffs, giving us a cost-competitive advantage

Manufacturing Facilities



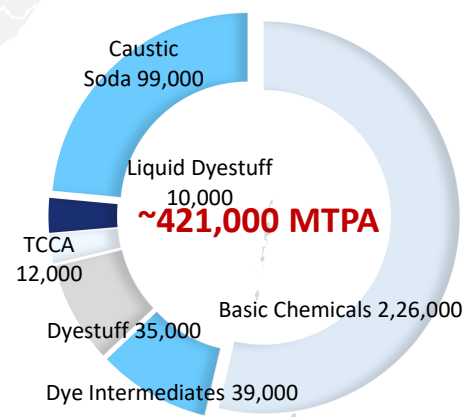
Total 10 Manufacturing Facilities
3 – Ahmedabad, Gujarat 4 - Vadodara, Gujarat 1 - Khambhat, Gujarat 1 - Rajpura, Punjab 1 - Kosi, Uttar Pradesh

In-house R&D Lab
1 - Ahmedabad, Gujarat 2 - Vadodara, Gujarat

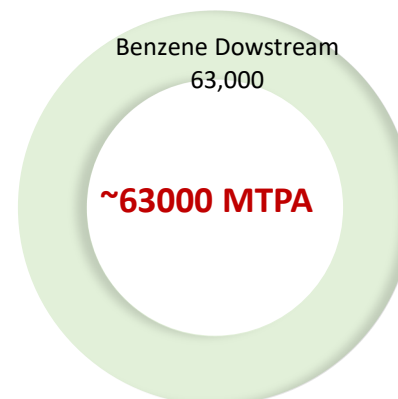
Total Employees
- Domestic 2,000+ - Contract Labours ~1,500 - Overseas 30+

11 Depots (Exclusive Distribution Warehouse)
7 - India 1 - China 1 - Turkey 1 – Bangladesh 1- Indonesia

Current Capacity (MTPA)



Upcoming Capacity (MTPA)



- Strategically located at western belt of India which is largest chemical manufacturing zone
- Proximity to nearby seaport at Mundra, Pipavav, Hazira and Nhava Sheva



Our Subsidiaries

Company Name	Location	Stake	FY23 Revenue	Details
Bodal Chemicals Trading Private Limited Bodal Chemicals Trading Shijiazhuang Limited Sen-er Boya Kimya Tekstil Sanayi Ve Ticaret Pt Bodal Chemicals Indonesia	Gujarat, India	100%	Rs 0.01mn	Trading and Marketing subsidiary
	China	100%	Rs 293 mn	Trading & Marketing subsidiary for China and adjacent countries
	Turkey	100%	Rs.623 mn	Standardizing, trading, and marketing subsidiary for Turkey
	Indonesia	100%	Rs.20 mn	Trading, and marketing subsidiary for Indonesia

(Rs in mn)

Key Growth Drivers

Dyestuff Expansion

Dyestuffs capacity of **35,000 MTPA** will be ramped-up gradually



Revenue

TCCA Division

Acquired **100% stake** in Trion Chemicals and amalgamated with Bodal. Production has been stabilized & became profitable



Profitability

Vinyl Sulphone –UP Unit

Vinyl Sulphone plant of **6,000 MTPA** capacity has been commercialized in Kosi Kalan, Uttar Pradesh



Revenue

Turkish entity Sener Boya

Acquired **~ 100% stake** to strengthen the global presence



Presence in Turkey & nearby markets

Marketing Initiative

Opened **multiple warehouses & incorporated marketing subsidiaries** to strengthen relationship with marquee clients directly



Direct Client Relationship

Bodal China

Trading & Marketing subsidiary will increase our presence in **China**



Revenue

Rajpura, Punjab Unit

Newly acquired **Chlor Alkali** products have started contributing to our business and will increase gradually



Revenue

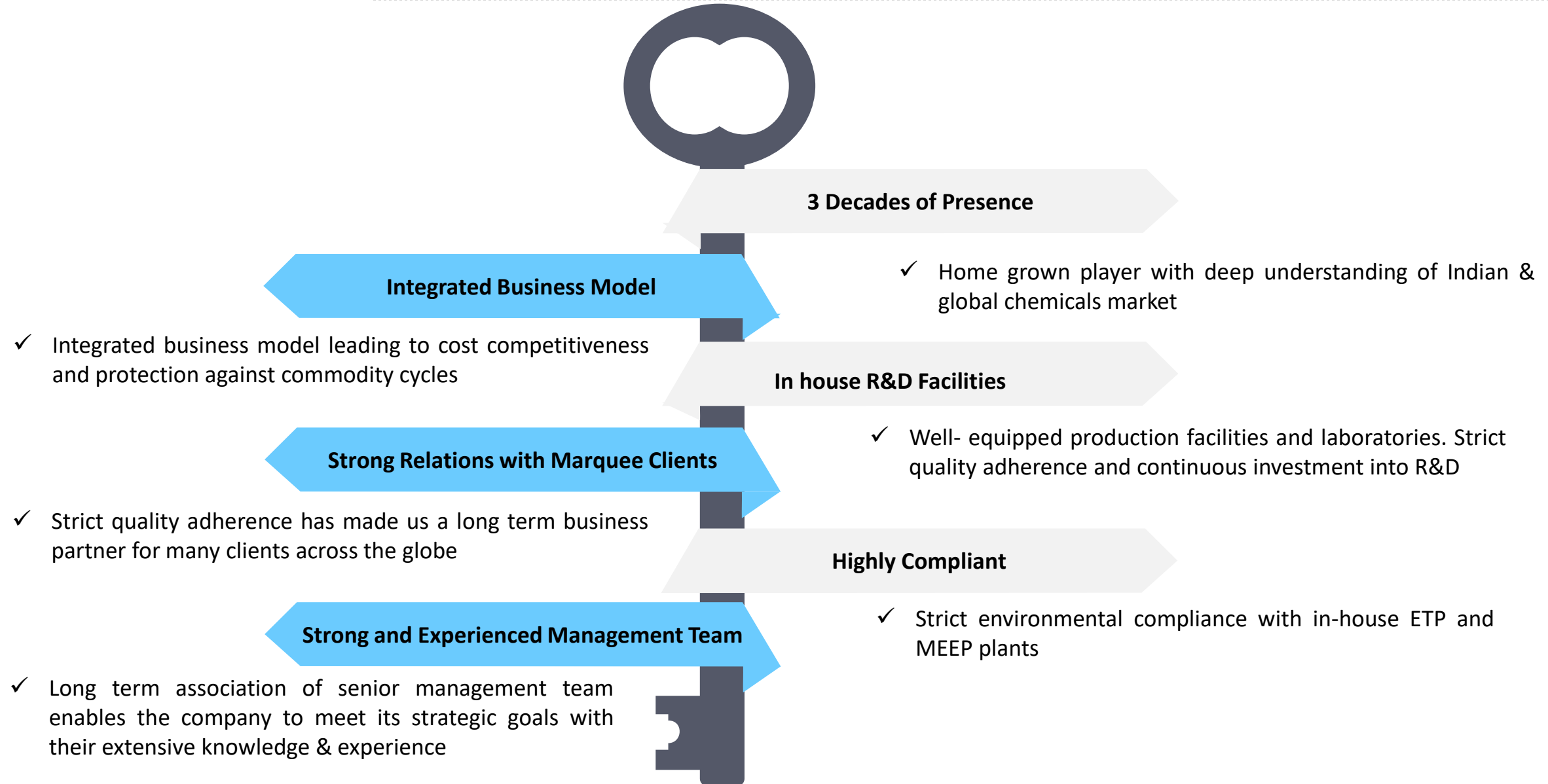
Saykha Project

Greenfield Saykha Project will lead to new level of growth with Benzene Downstream products



Revenue

Our Key Strengths



India's Edge in the Global Chemicals Market

Industry Megatrends

Structural Shift

Unorganized players in the Dye Intermediates and Dyestuffs Industry have been declining

China +1

India is emerging as the next alternative supplier for the global market

Compliance

Companies that are compliant with global environment laws will sustain

Policy Changes in China

Stringent measures & environment norms have eliminated small companies in china

Rising Exports

India has increased their chemical exports over the last few years

Textile Industry

Textiles constitutes ~80% of the total Dyestuffs demand and is expected to recover gradually

Atamanirbhar Bharat Abhiyan

The govt. initiative to reduce dependency on import of chemicals

Dyestuff Production

Gujarat is a leader with over 75% market share in Dyestuff Industry

Integrated player

Companies that have backward integration will have higher competitive edge

Availability of Raw Material

All key raw materials are available in India

Bodal's Edge

Highly Compliant & Large Integrated Dyestuffs Player

Dyestuff Market Share		Dye-Intermediates Market Share	
Domestic	Global	Domestic	Global
~13%	~3%	~20%	~6%

*Above market share figures are based on management estimates



Next Level of Growth

Capex To Drive Next Level Of Growth

Greenfield Saykha Project

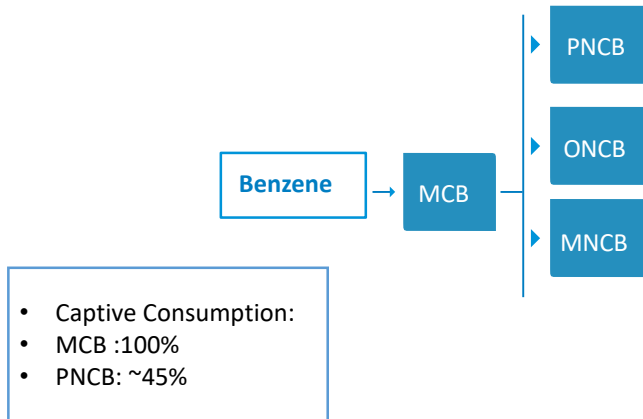
Project Location	Saykha, Gujarat
Products	Benzene Downstream ~63,000 MTPA
Project Cost	~Rs 2,700 mn Benzene plant + ~ Rs 1,200 mn related soft cost including onetime infrastructure cost = Rs 3,900 mn
Expected Revenue	~Rs 3,200 mn with EBIDTA Margin of 12% - 15%
Expected Commercialisation	- Trial run expected in Q3 FY24 for Benzene Derivatives - Once we have decent visibility of demand and new site is stabilized, we will restart Sulphuric Acid plant
End User Industry	Pharmaceuticals, Agrochemicals, Dyes Industry and Rubber Industry
Key Rationale	- Enhance 'Specialty Chemicals Segment' - Import substitution - Integration for cost efficiency, better productivity and high margins - Portfolio diversification

Key Synergies

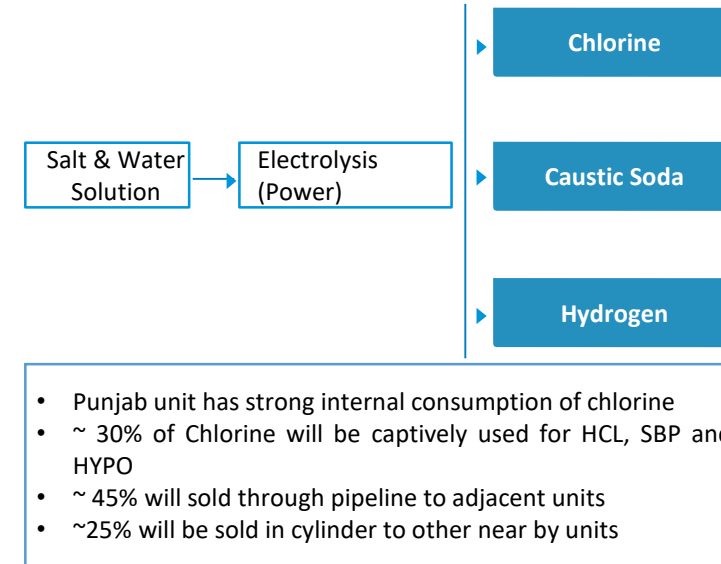
- Strategic Location
- Diversified Product Portfolio
- Integration for Captive Consumption
- Margin Expansion
- De-risk & Diversified Client Base
- Cost Efficiency
- Long term Sustainable Growth

Moving Up The Value Chain With New Chemistries

Benzene Chain



Chlor Alkali Chain



Backward Integration

- Cost savings
- De-risking material sourcing
- Reducing risk of handling hazardous

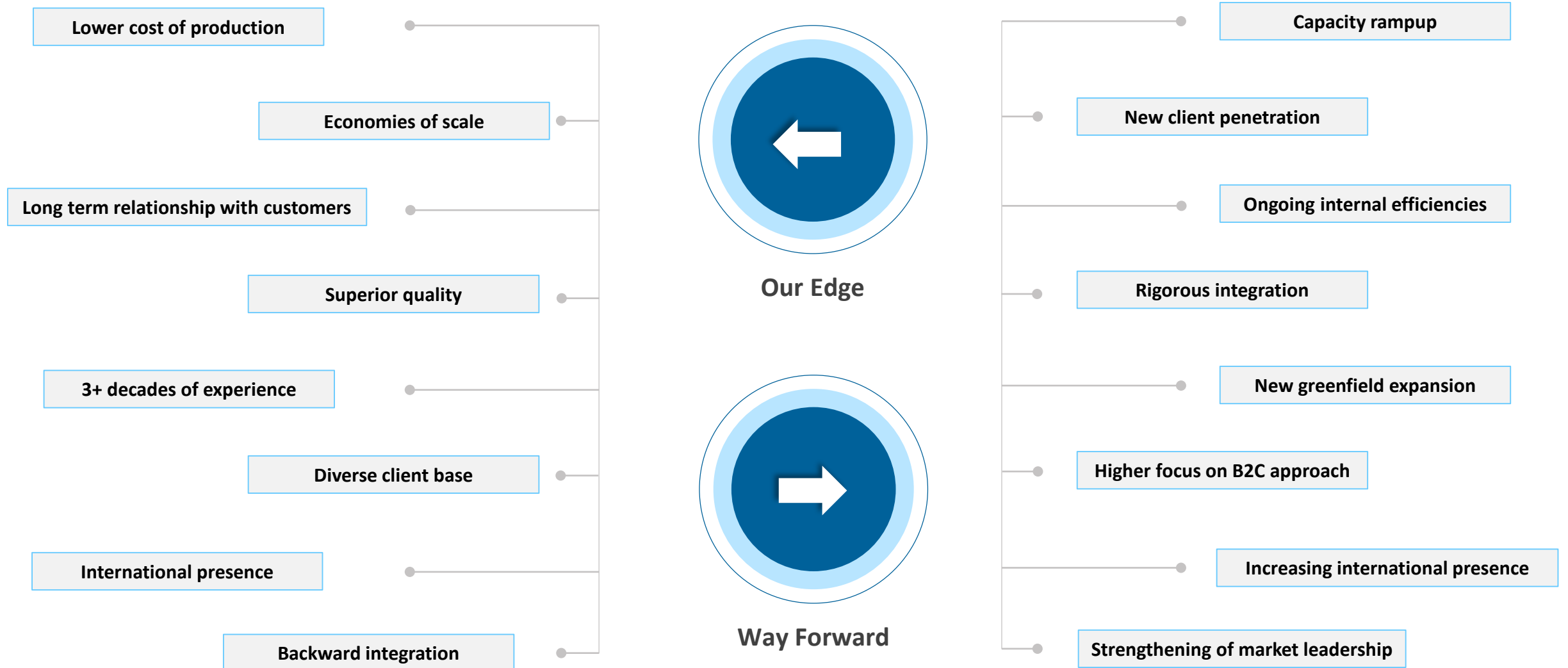
MCB

Horizontal Integration

- Product, industry & customer diversification
- Value-addition – moving up the Value chain

PNCB, ONCB, MNCB

Way Forward

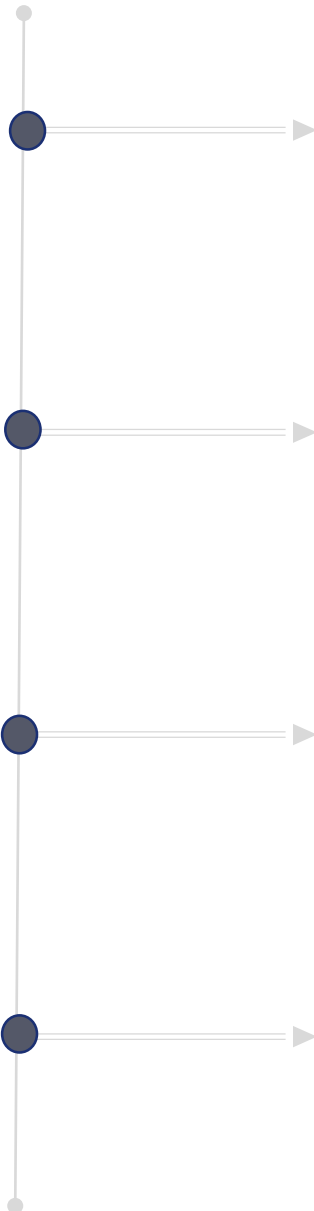




Responsible Corporate

Environmentally Compliant

Plant	Location	Zero Discharge Site (Solid+ Liquid+Air)	Effluent Treatment Plant	Common Effluent Treatment Plant, (at GIDC)	Multiple Effect Evaporator (MEEP)	Effluent Spray Dryer Plant (ESDP)	Solid Waste Incinerator Plant	Treated Effluent Discharge Access VECL Cala Lit./Day
Unit I	Ahmedabad	-	✓	✓	✓	✓	✓	-
Unit II	Ahmedabad	-	✓	✓	-	-	-	-
Unit III	Ahmedabad	-	✓	✓	-	-	-	-
Unit IV	Ahmedabad	-	✓	✓	-	-	-	-
Unit -VI	Kosi	✓	✓	-	✓	-	-	-
Unit VII	Vadodara	-	✓	-	✓	✓	✓	949,000
Unit VIII	Vadodara	-	✓	-	✓	✓	✓	23,800
Unit IX	Vadodara	✓	✓	-	-	-	-	-
Unit X	Vadodara	✓	✓	-	-	-	-	-
Unit XI	Khambhat	✓	✓	-	-	-	-	-
Unit XII	Rajpura	✓	✓	-	✓	-	-	-



Effluent Treatment Plant (ETP)

- Treats low load waste water
- Compliant with GPCB, CPCB norms
- Capacity 500,000 liters / day
- Chemical oxidation
- Flocculation
- Clarification
- Bio- degradation by AIS
- Tertiary Poly system
- Online monitoring system

Brine Treatment Plant

- Installed world's first Brine Treatment Plant at Unit-VII
- Its is based on Modern Water's all-membrane brine concentration process (AMBC)
- It treats the effluent from Dyes and Zero Liquid Discharge (ZLD) is achieved at the end of treatment cycle

Multiple Effect Evaporator Plant (MEEP)

- Treats high load waste water
- Recovers salts- captive use/ sold
- Capacity 500,000 liters/day
- Investment of Rs 350mn
- Benefits:
 - Needs low steam, power
 - Re-use of condensed water
 - Integrated Zero Discharge System

Effluent Spray Dryer Plant (ESDP)

- Treats high load waste water beyond MEPP
- Minimizes treatment cost
- Spray Dryers: 3 * 100,000 liters/ day
- Incinerators: 3* 125,000 liters/ day

Responding To Critical Issue

Key Challenges

- High costs involved in complying with environmental regulations. Moreover, the rising industrial water and power rates are a concern.
- Scarcity of water can lead to insufficient supply affecting our production needs.
- The Chemical Industry is energy and CO2 intensive. It represents more than 30% of global Greenhouse Gas (GHG) emissions. If not controlled, it can have a profound effect on climate change

Our Response

- Abides by the mantra of 'reduce, recover and reuse' of natural resources
- Taken appropriate pollution control systems including implementation of Effluent Treatment Plants (ETPs), Multiple Effect Evaporator Plant (MEEP), Brine Treatment Plant and Effluent Spray Dryer Plant (ESDP).
- The Company possesses 5 MW Co-generation lignite-based & 1.73 MW steam (waste recovery heat) based captive power plant at Unit 7

Outcome

- Reusable clean water
- Zero liquid discharge
- Salt extracted through MEEP process is captively used or sold
- Cost optimization through proper management of the energy consumption
- Creating a better future for all stakeholders



Multiple Effect Evaporator Plant (MEEP)



Effluent Treatment Plant (ETP)

Key Focus Areas

- Eradicating hunger, poverty and malnutrition
- Promoting healthcare and sanitation including contribution to the Swach Bharat Kosh
- Promoting education and enhancement of rural infrastructure
- Ensuring environmental sustainability
- Providing funds for construction for drinking water pipelines Conducting regular health check-up camps
- Promotes Sports, with Contribution to :
 - Sports Council of the Deaf Basketball Club
 - Promoting individual talent to represent the country in sporting events
- To support various Trusts and NGO's like YUVA Unstoppable

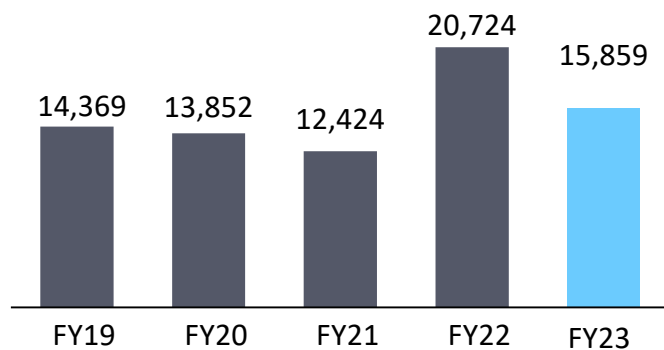




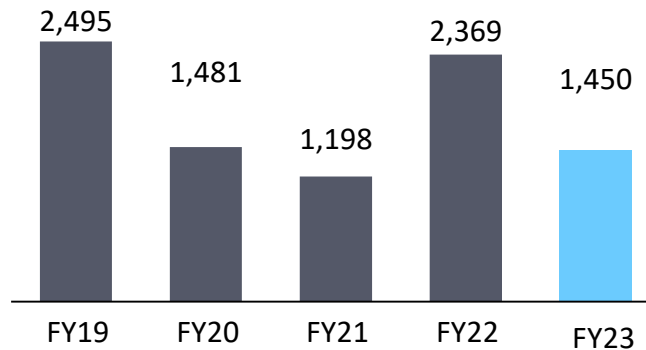
Financial Highlights

Financial Highlights

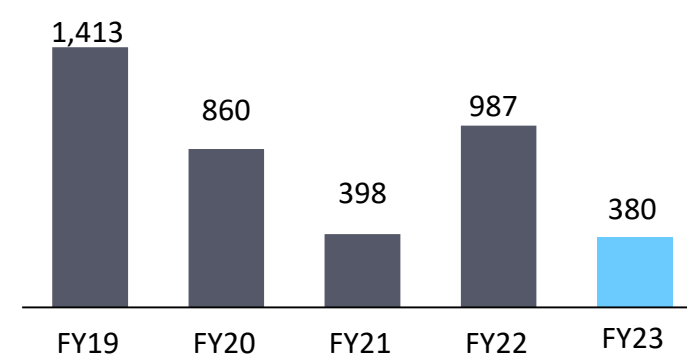
Revenue (Rs. In Mn)



EBITDA (Rs. In Mn)



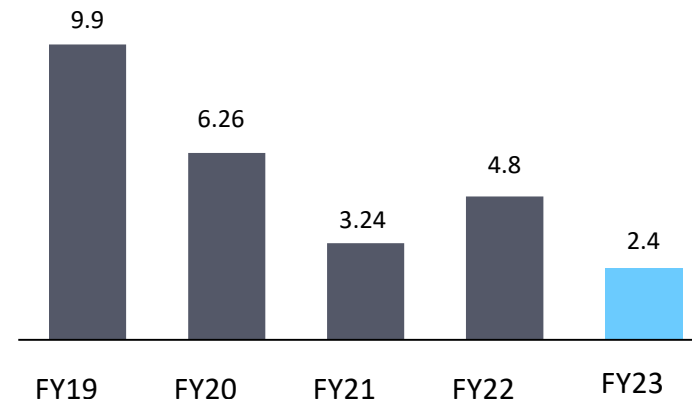
PAT (Rs. In Mn)



EBITDA Margin (%)

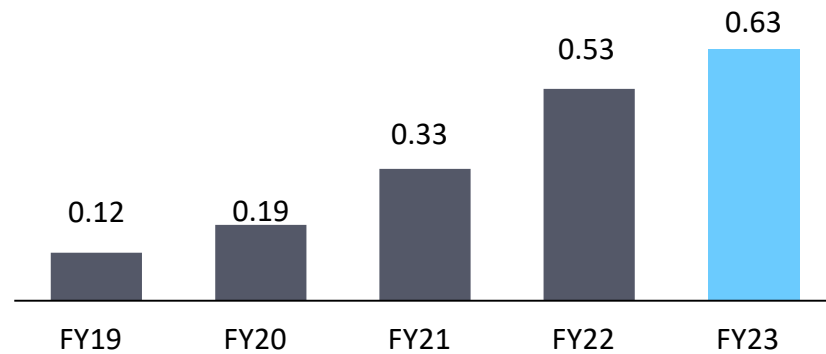


PAT Margin (%)

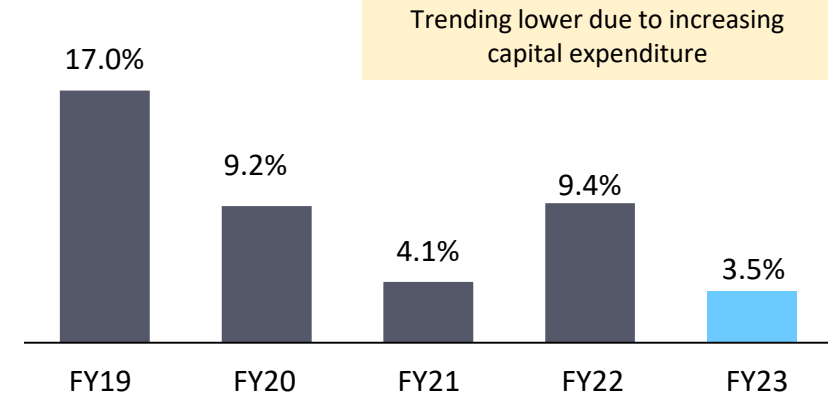


Key Ratios

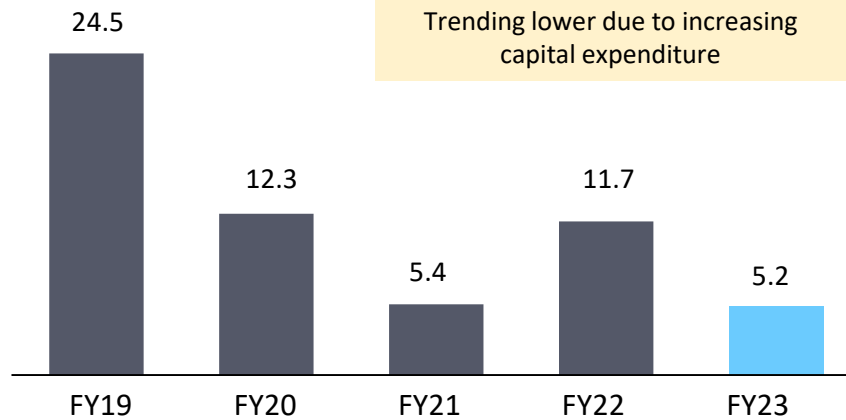
Net Debt/ Equity (x)



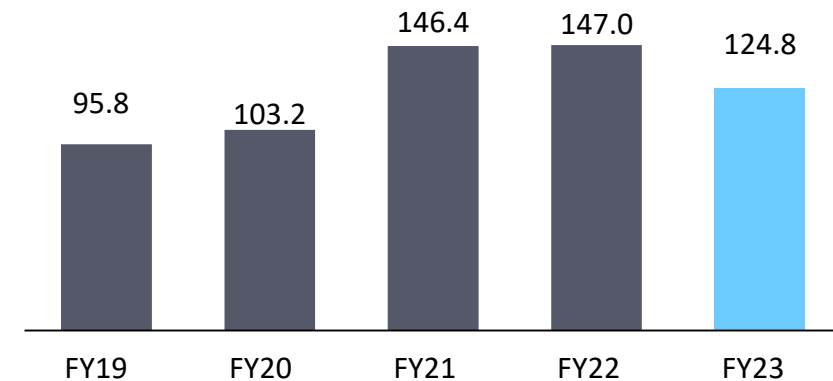
Return on Equity(%)



Return on Capital Employed (%)



Net Working Capital Days



Segmental Performance

Basic Chemical

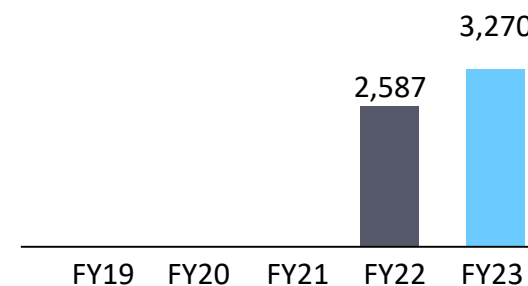
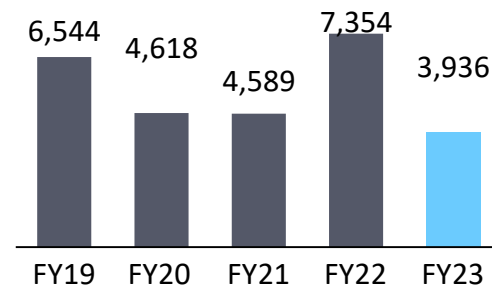
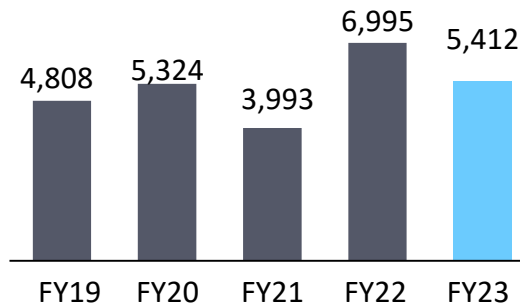
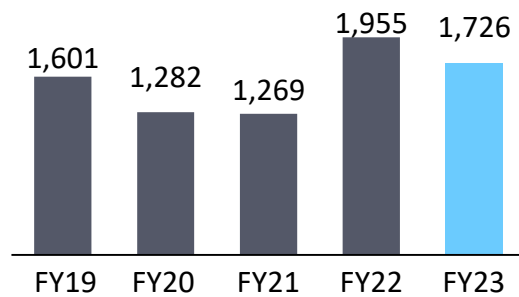
Dyestuffs

Dye Intermediates

Chlor Alkali

(Rs in mn)

Revenue Breakup



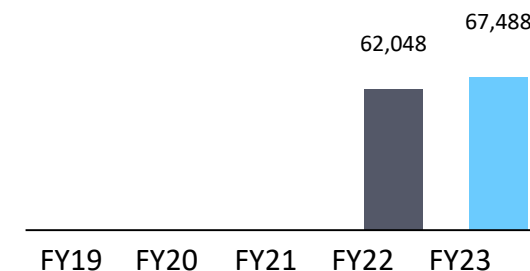
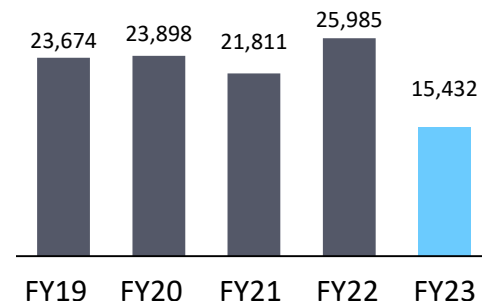
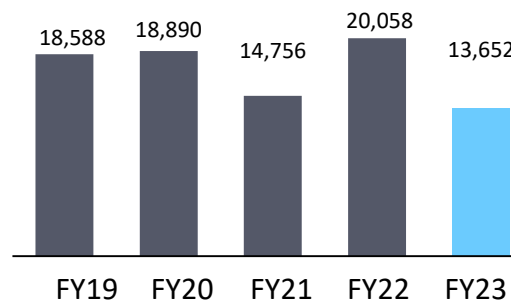
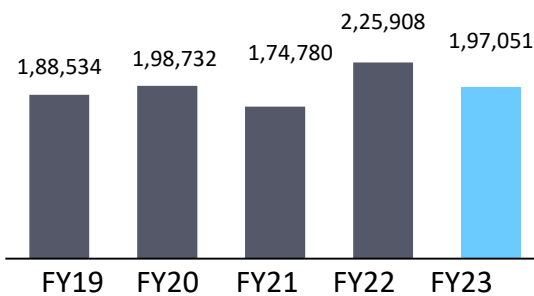
Basic Chemical (MT)

Dyestuffs (MT)

Dye Intermediates (MT)

Chlor Alkali (MT) ^

Volume Breakup



Thank You

Contact Information



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