

July 3, 2023

To,

National Stock Exchange of India Ltd.

Exchange Plaza Bldg. 5th Floor, Plot No.C-1

'G' Block, Near Wockhardt,

Bandra Kurla Complex

Mumbai 400 051.

Fax: 26598237/38

Symbol: DCW

**BSE Limited** 

Department of Corporate Services,

1st floor, New Trading Ring

Rotunda Building,

Phiroze Jeejeebhoy Towers,

Dalal Street, Mumbai - 400 001.

Fax: 22723121/3719/2037/2039

Scrip Code: 500117

Dear Sir(s)/Madam,

#### Sub: Investors' Presentation

Pursuant to Regulation 30 and Para A of Part A of Schedule III of the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015, we are submitting herewith the presentation of DCW Limited ("the Company").

The same is also being uploaded on the Company's website at <a href="https://www.dcwltd.com">https://www.dcwltd.com</a> in compliance with regulations 46(2) of SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015.

You are requested to take the aforesaid information on your record.

Thanking You,

Yours faithfully,

For DCW Limited

Dilip Darji Sr. General Manager (Legal) & Company Secretary Membership No. ACS-22527

Encl: A/a

#### DCW LIMITED

**HEAD OFFICE:** 

"NIRMAL" 3RD FLOOR, NARIMAN POINT, MUMBAI-400 021.
TEL.: 2287 1914, 2287 1916, 2202 0743 TELEFAX; 22 2202 8838
REGISTERED OFFICE: DHRANGADHRA - 363 345 (GUSRAT STATE)

Email: ho@dcwltd.com, Website: www.dcwltd.com, CtN-L24110GJ1939PLC000748



## Snapshot



#### **BUSINESS**

8+

Decades of Experience

2

State-of-the-Art
Integrated
Manufacturing Units

Pioneer

In India Soda Ash, C-PVC, Synthetic Rutile & SIOP Leading

Manufacturer of C-PVC and SIOP in India

Largest and Unique

Commercial scale manufacturer of SIOP in Asia

**OPERATIONS** 

12+

Chemicals with 3

Specialty Chemicals

2,000+

Employees

Zero

Effluent and waste Process

58 MW

Captive Power Capacity ~2,900

Acres of land available

**FINANCIALS** 

27%

3 year Revenue CAGR 43%

3 year EBITDA CAGR 14%

Specialty Chemicals
Revenue contribution
from 0.5% in FY16

0.33x

Net Debt to Equity Ratio 0.79x

Net Debt to EBITDA Ratio

21.6%

FY23 ROCE



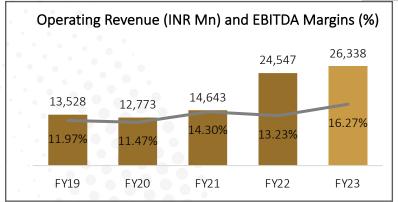
## Company Overview

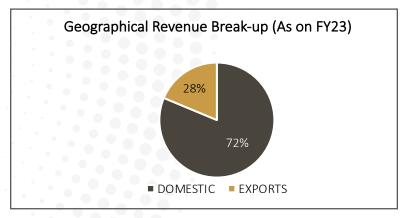
- Incorporated in 1939, DCW Ltd. was established as Dhrangadhra Chemical Works at Dhrangadhra, Gujarat as India's first Soda Ash plant.
- Since then DCW has pioneered and created a strong presence in the Chlor-Alkali, Synthetic Rutile and PVC business segments, with a successful record of innovation in new products and processes.
- Over the years the company has expanded, diversified and modernized its operations with a diversified range of products for supply to customers in both, domestic and international markets with a conscious strategic shift towards specialty chemicals.
- DCW has an extensive distribution network spanning over 12 countries across USA, Europe, Japan, Malaysia and Netherlands catering to over 100+ customers.
- Today it has two state of the art manufacturing facilities located in Dhrangadhra, Gujarat and Sahupuram, Tamil Nadu.

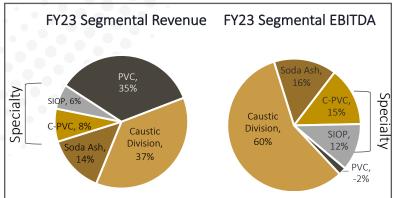
#### **Product Basket**

- Specialty Chemicals: Synthetic Rutile (SR), Synthetic Iron Oxide Pigments (SIOP) and Chlorinated Poly Vinyl Chloride (C-PVC)
- Commodity Chemicals: Soda Ash, Caustic Soda, Poly Vinyl Chloride (PVC)
- Intermediate Chemicals: Liquid Chlorine, Hydrochloric Acid, Trichloroethylene, Utox, Ferric Chloride, and Sodium Hypochlorite, Sodium Bicarbonate and Ammonium Bicarbonate.









## **Board of Directors**



#### Mr. Pramod Jain, Chairman & Managing Director



- Overall 51 years of wide experience in the Industry
- Under his leadership, the capacity of Soda Ash Plant at Dhrangadhra increased from 65,000 TPA to 1,08,000 TPA
- He oversees the entire operations of the Company

#### Mr. Bakul Jain, Managing Director



- Overall 39 years of wide experience in the Industry
- Presently looks after the overall general management including strategic planning and financial functions of the Company
- In charge of new projects and diversifications

#### Mr. Vivek Jain, Managing Director



- Overall 37 years of wide experience in the Industry
- Under his leadership, the Company has set up C-PVC Project and the expansion of the PVC capacity

#### Mr. Mahesh Vennelkanti, Independent director



Overall 40 years of wide experience in leading and shaping Indian and multinational organizations across situations as a growth leader, turnaround leader and in entrepreneurial ventures

### Ms. Sujata Rangnekar Independent Director



- Chartered Accountant with overall 30 years of rich experience in the field of Indirect Taxation
- She was the President of the Sales Tax Practitioners
  Association of Maharashtra in the year 1999-2000
  and the President of the Sales Tax Tribunal Bar
  Association for a term 2002-04 and a regular
  column writer and contributor to leading journals
  on Sales Tax

#### Mr. Krishnamoorthy Krishnan Independent Director



- A practicing Chartered Accountant having more than 25 years practice in Sales Tax, Income Tax, Service Tax, and GST
- He was pursuing the profession of teaching in the subjects of Finance – Basics, Advanced and Management and was in the onsite faculty for Champlane College, Vermont, USA

## Key Management Personnel





Mr. Amitabh Gupta, CEO

- Holds Bachelor's degree in Physics, Chemistry and Mathematics and Master's degree in Physics
- Associated with the Company for the last 49 years and is presently Chief Executive Officer of the Company.
- Looks after the sales of all the Chemicals other than PVC and is involved in the day-to-day operations, strategic planning and finance of the Company.



Mr. S. Ganapathy, COO

- M.Sc. Chemistry & MMS – Marketing from Mumbai University.
- 34+ years of work experience spanning across various sectors.
- Looking after PVC & C-PVC divisions of the Company and is involved in the day-to-day operations, strategic planning and finance of the Company.



Mr. Pradipto Mukherjee, CFO

- Chartered Accountant and holds a bachelor's degree in Science from Calcutta University.
- Over 20+ years of rich post-qualification work experience in the field of Accounts & Finance.
- Associated with companies like Hindalco Industries limited, Glenmark Pharmaceuticals & Enaltec Labs.



Mr. Ashish Jain, Sr. President

- M.B.A from New Port
   University with Overall
   experience of 28+ years and
   presently serving as Sr.
   President.
- Drives and leads all aspects of the Company's Soda Ash business and actively involved in the identification of new opportunities for diversification and growth of Company and specifically in the Soda Ash business.

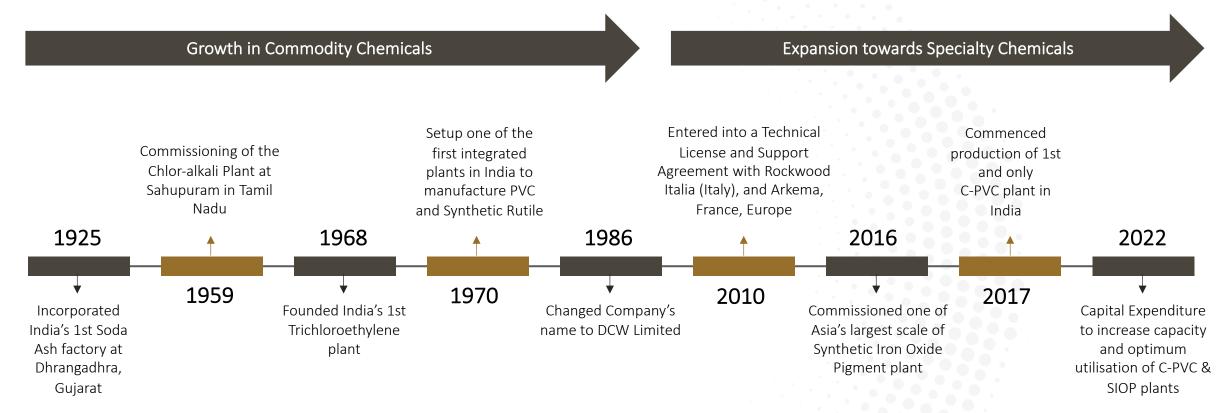


Mr. Saatvik Jain, President

- Holds bachelors degree
   from Babson College, USA
   with overall 13 years of
   experience in the industry
   and currently serving as
   President of the Company.
- Involved in the financing activities of the Company along with strategy and cost cutting initiatives.
- He was also closely involved in the implementation of the C-PVC project.

## **Key Milestones**





Moving up the value chain by pioneering various specialty chemical products and processes in India

## Dhrangadhra, Gujarat Manufacturing Facility



Location: Gujarat, India

Area: ~400 acres

Installed capacity: 108,000 MTPA

#### **Products Manufactured:**

Soda Ash, Ammonium Bicarbonate, Sodium Bicarbonate

#### Strategic Advantage:

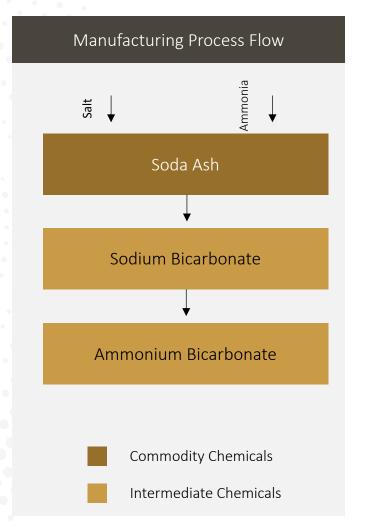
Foundation stone of India's first Soda Ash factory

### Awards:

- Energy-efficient Unit Award
- Expert Recognition Award-ministry Of Commerce & Industry
- Safety Award For The Most Prolonged Accident-free Period







## Sahupuram, Tamil Nadu Manufacturing Facility



### Location: Tamil Nadu, India

Area: ~2,500 acres

Installed capacity: 4,62,800 MTPA

#### **Products Manufactured:**

Caustic Soda, PVC, Soda Ash, C-PVC, SIOP, Synthetic Rutile, Synthetic Rutile, Liquid Chlorine, Utox, Hydrochloric Acid, Trichloroethylene, Ferric Chloride, Sodium Bicarbonate, Ammonium Bicarbonate.

### Strategic Advantage:

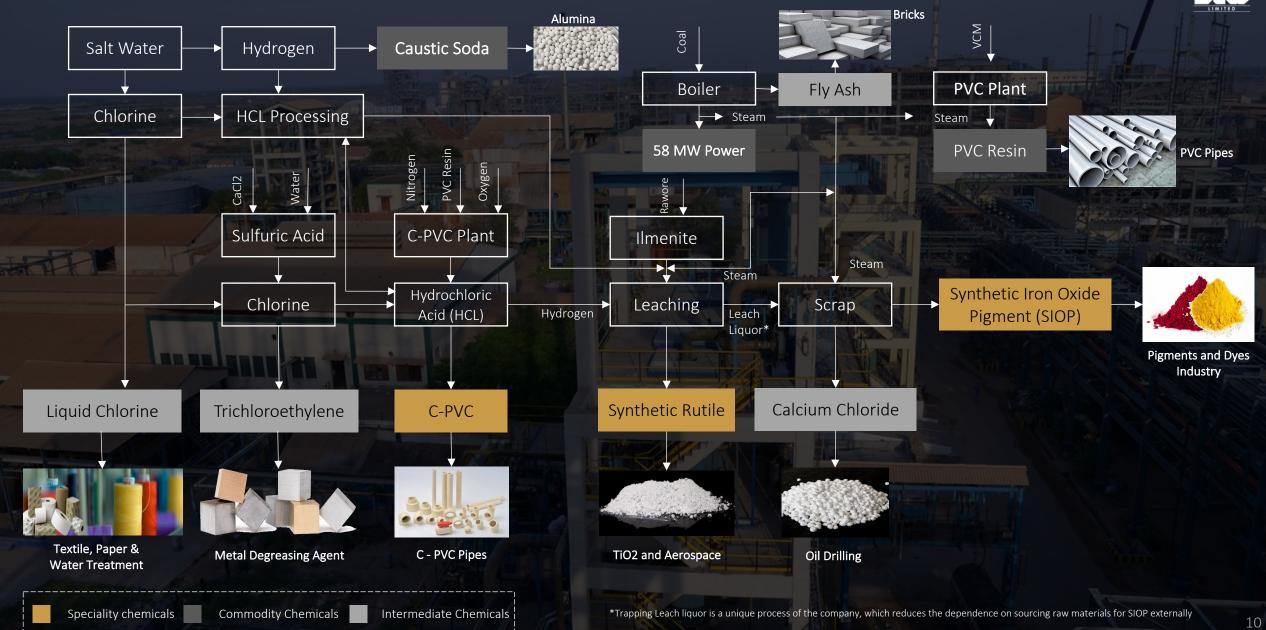
- This plant is a multi-purpose, self-sufficient, and completely integrated manufacturing plant with cutting-edge technology.
- It has the highest level of safety, product quality, productivity, efficiency, and consistency in the end product.
- In proximity to the Tuticorin port provides a logistical advantage for the export markets and tactical raw material procurement.
- Equipped with a captive power plant with an installed power generation capacity of 58 MW coal-based co-gen) to meet the entire plant's power consumption demand.





# Sahupuram Facility Integrated Manufacturing Process







## Marquee Customers



### **Commodity Chemicals**



































## **ESG** Initiatives



### Environmental

- Promotes GREEN ENVIORNMENT by regular plantation drive
- Converted Sahupuram facility into green belt region
- Operating 25 Windmills in Rajasthan of 20MW

- Motto- REDUCE, REUSE, RECYCLE and RECOVER
- Zero effluent process
- Green Cover & Environment Conservation
- Animal Welfare Activities

#### Social

- Promoting health care including Preventive health care
- Eradicating hunger, poverty and malnutrition
- Promoting education

- Protection of old temples of historical importance
- Training to sports personnel
- Rural Community Development
- Disaster Relief Activities

#### Governance

- Ethics and integrity
- 50% independent external directors in board

- Diversity in leadership
- Strategic Risk Management
- Transparent and accountable working
- Sustainable, Compliance and timely Review









## Speciality Chemicals: C-PVC

DCW LIMITED

- DCW Ltd. is a pioneer and the only in manufacturing of C-PVC (Chlorinated Poly Vinyl Chloride) in India with a technical license from Arkema, France.
- The company commenced operations of manufacturing C-PVC in the year 2017 at its Sahupuram, Tamil Nadu facility.
- C-PVC is a versatile thermoplastic produced by the chlorination of PVC resin, which is significantly more flexible and can withstand higher temperatures than standard PVC.

### **Properties**

- C-PVC is inherent inert to acids, bases, salts, and aliphatic hydrocarbons, all of which tend to eat away the metals.
- It is this inherent chemical resistance, coupled with its temperature and pressure resistance, that enables its use in a variety of industrial and commercial applications.

### Capacity

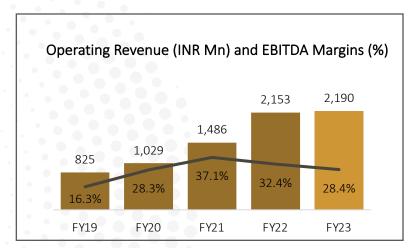
- Installed capacity of 10,800 MTPA
- Manufactures 10,000 MTPA of C-PVC Resin/12,000 MTPA C-PVC Compound. Weighted Average capacity of 11,500 MTPA
- Expected capacity expansion by H2-FY24 to increase installed capacity to 20,000 MTPA

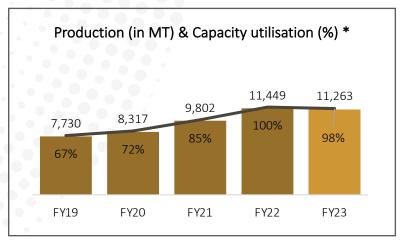
### **Applications**

• It is majorly used in manufacturing of hot water pipes, construction, firefighting sprinkler devices, chemical, healthcare, home heating devices, piping products and material handling equipment industries.

#### **Growth Drivers**

- India is a net importer of C-PVC and hence there exists a significant demand-supply gap in the industry today.
- Rising product applications in residential and commercial spaces and piping products.





\* utilization is calculated based on weighted average capacity

## Speciality Chemicals: SIOP

DCW LIMITED

- DCW Ltd. operates one of the largest commercial-scale plant to produce SIOP (Synthetic Iron Oxide Pigments) using inhouse, environment-friendly chloride technology.
- Synthetic Iron Oxides are one of the most important parts of the Inorganic Pigments family.
- DCW manufactures red and yellow pigments and has a patented technology for yellow pigments.
- It is a backward integrated facility where all raw materials are sourced in-house except Iron scrap.

### **Properties**

- Highly stable nature, water-proof technology, good dispersibility, high tinting strength, excellent colour intensity and non-toxic properties.
- Resistant to UV rays, salty weather and all different kind of atmospheric conditions.
- More cost-effective than organic pigments due to the low cost of raw material.

### Capacity

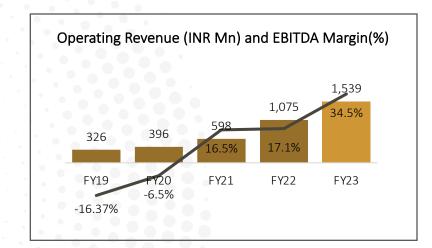
Expected capacity expansion by H2-FY24 to increase installed capacity to 30,000 MTPA

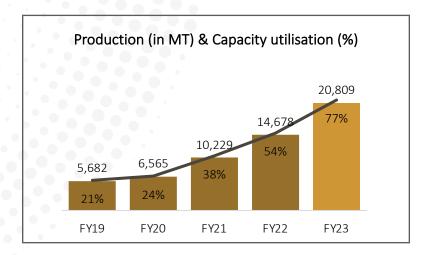
### **Application**

Coloured inorganic pigments in concrete products, construction, paints, coatings, plastics, automotive industries.

#### **Growth Drivers**

- SIOP is the second highest selling pigment in the world after Titanium Dioxide.
- The demand from the construction, paints and coating industry coupled with increasing urbanization.





## Commodity Chemicals: Soda Ash



- DCW Ltd. started its journey with India's first Soda Ash factory at Dhrangadhra, Gujarat, back in the year 1939.
- Basic raw material for Soda Ash is salt and limestone.

### **Properties**

- Soda Ash, also known as Sodium Carbonate, is a white, anhydrous, powdered or granular substance.
- It is a consistent chemical, neutralizes acidity, elimination of corrosion, ability to remove alcohol and grease stains from clothing, also a rising agent, additive, stabilizer, and acidity regulator.

### Capacity

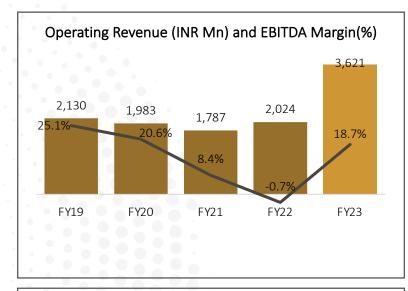
• Installed capacity of 108,000 MTPA.

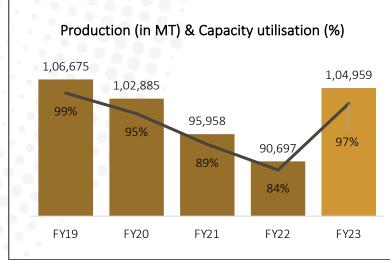
### **Application**

- Used as an alkaline agent in many chemical industries.
- Manufacturing of fertilizers, glass, detergent, dye-stuffs, petrochemicals, pulp-paper and other industrial products.

### **Growth Drivers**

- The growing popularity of detergents in India.
- The increasing application of soda ash across the food and beverage (F&B) sector.
- The launch of several policies by the government bodies for the development of wastewater treatment projects.
- New high growth industries like Lithium Ion batteries for EV vehicles in which Soda Ash is also used.





## Commodity Chemicals: PVC



- DCW's PVC (Poly Vinyl Chloride) integrated plant is located at Sahupuram, Tamilnadu and is operational from 1970.
- PVC resin is produced by Polymerization of Vinyl Chloride Monomer (VCM), which is a high strength thermoplastic material.
- It is the world's third-most widely produced synthetic plastic polymer and one of the most used polymer across the Globe.

### **Properties**

• PVC is versatile in nature, lightweight, high strength, durable to weathering, rotting, chemical corrosion and abrasion, versatile, and easy to use, as it can be cut, shaped, welded, and joined in any style.

### Capacity

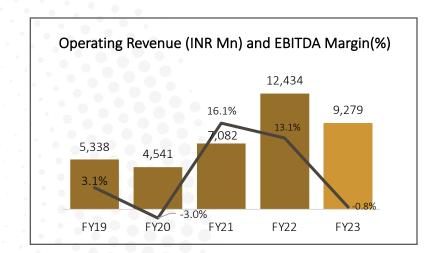
Installed capacity of 1,00,000 MTPA.

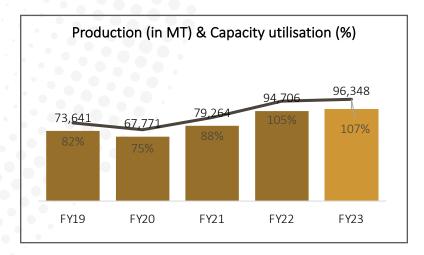
### **Application**

• PVC is used extensively in insulation of cables and pipes, windows and profiles, flooring tiles, curtains and everyday applications including widespread use in building, transport, packaging, electrical and healthcare applications.

### **Growth Drivers**

- Rising government investments in irrigation, agriculture, housing and sanitation through schemes such as Housing for All,
   AMRUT and PMKSY.
- The rapidly growing construction sector is the principal driver of PVC demand globally.
- Low per capita consumption of PVC and greater economic development in the fast-growing developing countries of China, India and Brazil.
- Pipes, tubes and profiles account for the bulk PVC demand.





## Commodity Chemicals: Caustic Soda Segment



### Caustic Soda

- DCW is a pioneer of Caustic Soda manufacturing in India
- It uses the latest energy-efficient and environment friendly Mercury free state-of-art Membrane Cell Technology.

### **Properties**

• It is a versatile, stable, bitter, highly soluble in water and moderately soluble in alcohol and strongly alkaline in nature.

### Capacity

Installed capacity of 96,000 MTPA.

### **Application**

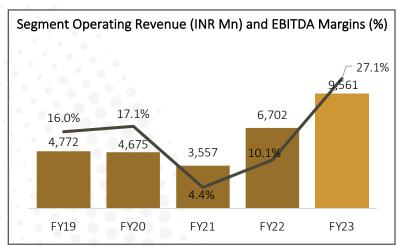
• Alumina, water treatment, food, textiles, metal processing, mining and glass making, pulp and paper, soap and detergents, petroleum products, and chemical production.

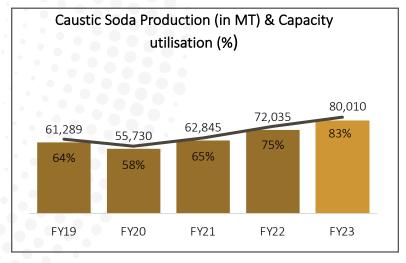
#### **Growth Drivers**

- Increase in awareness for water conservations, waste management, and the general scare of running out of potable water, the Caustic Soda is also expected to see a growth in the water purification and waste management Industry.
- Expanding textile, paper, and metallurgical applications.

## Synthetic Rutile

- DCW Ltd. is one of the largest producers of Synthetic Rutile in India with a capacity of 42,000 MTPA.
- It is a chemically modified ilmenite sand that has had most of the ferrous, non-titanium components removed and upgraded into Synthetic Rutile.
- Synthetic Rutile has applications primarily in pigments, titanium dioxide and titanium sponge.





## **Intermediate Chemicals**



- Intermediate chemicals ensure self-sufficiency as they effectively compliment other segments and also acts as an additional source of revenue.
- They are either used to make other products or are sold in the open market based on prevailing market demand and supply. The focus is to create value-added, high-margin products by using intermediate chemicals.
- Intermediate Chemicals form an integral part of DCW's business as they ensure the uninterrupted, cost-effective supply for value-added products.

	INTERMEDIATE CHEMICAL PRODUCTS	CAPACITY (MTPA)	APPLICATIONS
SEGMENT	Liquid Chlorine	36,000	Captive Consumption to manufacture C-PVC and also can be sold in open market for applications in bleaching agent in textile and paper industry
	Hydrochloric Acid	90,000	Captive Consumption to manufacture Synthetic Rutile and also can be sold in open market for production of organic compounds, production of inorganic compounds, removing metal stains, water treatment, and leaching.
SODA	Trichloroethylene	7,200	Sold in the open market for applications in metal degreasing, dry cleaning, drying electronic parts, refrigerant as well as a fumigant.
CAUSTIC :	Ferric Chloride	6,000	Captive Consumption to manufacture SIOP and also can be sold in open market for applications in waste water treatment, sewage treatment, textile and etching industry.
	Utox	1,800	Sold in open market for applications in paint industry, powder coating, cosmetics, paper, rubber, plastics, glassware and ceramics industries.
SODA ASH SEGMENT	Sodium Bicarbonate	21,000	Sold in open market for applications in cooking (baking), neutralization of acids and bases, medical applications and personal hygiene products.
	Ammonium Bicarbonate	5,000	Sold in open market for applications in baking powder, dyes, pigments and fire extinguisher.
	Sodium Hypochlorite	4,800	Sold in open market for applications as disinfecting agent in water treatment and as bleaching agent in textile.



## Value Proposition



#### Significant Scale-up Opportunities

Over 2,500- acre land bank available at Sahupuram facility provides easy scaleup opportunity without incurring additional capex for land.

#### **Technology Tie-ups**

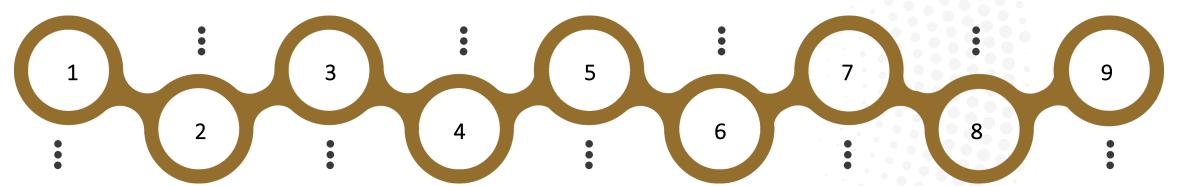
Licensed technology from Arkema & technical assistance from Rockwood Pigments for SIOP

#### **Diversified Application Base**

Catering to over 15 industries with high end-user growing markets

#### Niche & Diversified Product Mix

Diversified product mix of Commodity, Intermediate and Specialty Chemicals



#### Strategic Location

Sahupuram Facility situated in the vicinity of the port providing logistical advantage for the export markets and tactical raw material procurement

#### Moving up the Value Chain

Increasing the contribution from high value, high margin Specialty Chemicals Segments.

#### Self Sufficiency

58 MW Co-Generation power plant ensures cost-effective, uninterrupted power supply. And major raw materials like Salt, Liquid Chlorine, Hydrogen, Hydrochloric Acid, etc. are captively produced to make value added products.

#### Well Established Relationships

With over 8 decades of existence DCW has built strong client and supplier relationships across domestic and international markets

#### Planned Capital Expenditure

Next growth phase led by Specialty Chemicals to boost revenue & margins with planned Capex to double C-PVC capacity and increase SIOP throughput

## Natural Hedge



The company's product basket provides a classic natural hedge in protecting the entities bottom line.

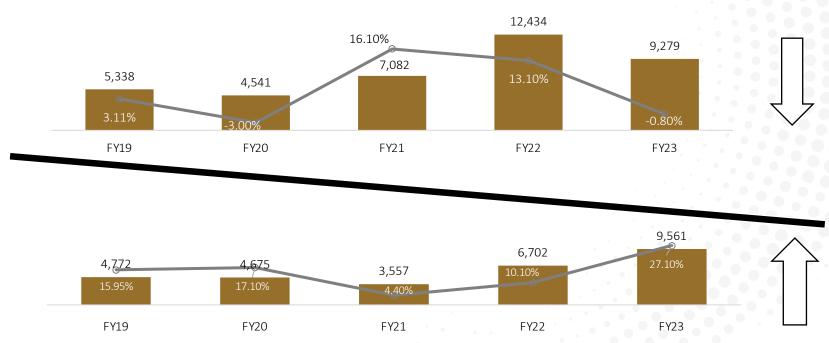
#### Direct Co-relations:

- Caustic Prices with the Net realization of Surplus Chlorine is sold in the market.
- The PVC prices have a direct co-relation to the input cost for CPVC.

#### In-direct Hedge

• PVC and Caustic generally witness divergent price movements.

### PVC Operating Revenue (INR Mn) and EBITDA Margin(%)



Caustic Soda Segment Operating Revenue (INR Mn) and EBITDA Margins (%)

## **Future Growth Drivers**



- To further strengthen its position, DCW has planned a capital expenditure of INR 125 Crs to make further inroads into Specialty Chemicals and expand its CPVC capacity and with line-balancing capex to increase the utilization of SIOP capacity to near 100% from current levels.
- The strategy team in the Company is engaged in identifying/shortlisting future growth avenues.
- The Company is working on a future Capex calendar to continuously drive growth by adequately balancing the leverage.

Upcoming CAPEX at Sahapuram Facility				
Product	Expected Year of Commissioning	Total Capacity after Capex		
C-PVC	H2-FY24	20,000 MTPA		
SIOP	H2-FY24	30,000 MTPA		

## **SIOP Capex Journey**



- In 2016, the company commissioned a plant which was a first of its kind in India, and only second in the world to manufacture SIOP using in-house patented environment friendly chloride technology.
- The investment rationale was to effectively convert a rich iron content by-product from the existing manufacturing process of the company to a niche value value-added product, a classic forward integration, and thereby enabling the company to foray into the Specialty Chemical segment.
- Due to the niche nature of the product, technology and stringent validation requirement from customers, the company underwent a series of process modifications post plant commissioning.
- Tying up the product with the end customer followed by capacity ramp up took longer than expected resulting in delayed commercialization.
- During the same period, the company faced many external challenges like, poor monsoon, stress of banking sector and cyclical downturn of commodity business. The debt repayments for the SIOP project had also started which only added to the financial stress, which resulted in further elongating the commercialization of SIOP.
- In FY 23 the company has demonstrated rapid growth in the revenues from the SIOP segment with high margins, supported by marquee export & domestic customers in its fold for 60% of the capacity.
- The company is now incurring a capex for line-balancing equipment to increase the utilization to near 100% and in parallel engaging with customers in the domestic market and exploring opportunities in Europe as well for future sales.
- Given the capital-intensive nature of this project, long gestation time for commercialization and stringent customer validation process, this Product has a significant barrier to entry and would benefit the company by generating a sustained stability to the bottom-line of the company in the upcoming future.



## Chemical Industry Landscape

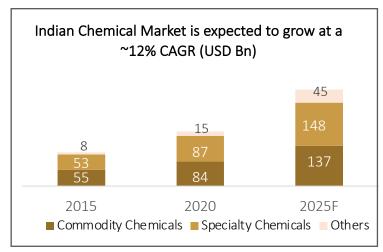


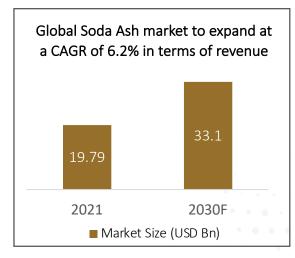
### **Global Markets**

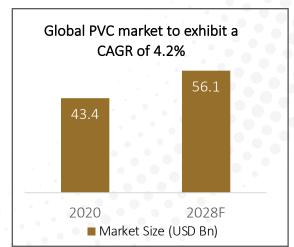
- According to Chemicals Global Market Report 2023, the chemicals market is expected to grow from \$5079.29 billion in 2023 to \$6851.59 billion in 2027 at a CAGR of 7.8%.
- Soda Ash market is expected to grow at a CAGR of 6.2% from 2022 to 2030 and will reach around to USD 33.10 bn in 2030.
- Caustic Soda market is valued at USD 42.95 Bn in 2023 and is expected to grow to USD 56.89 Bn by 2028 with a CAGR of 5.78%.
- Asia-Pacific is the dominant market for speciality chemicals, 44% of the global demand is attributed to the Asia-Pacific region, most notably in China, India, and Japan.
- Asia-Pacific is considered a favourable destination for speciality chemical manufacturers, boosting market growth. Whereas variations in raw material cost and stringent regulations by the Government are estimated to hamper the growth of the global specialty chemicals market.

#### Indian Market

- India ranks 14th in chemical products' exports and 8th in imports. The Indian chemical industry stood at US\$ 232 billion in 2022, and is expected to reach US\$ 304 billion by 2025, registering a CAGR of 9.3%.
- Specialty chemicals constitute 22% of the total chemicals and petrochemicals market in India. The sector is expected to reach US\$ 40 billion by 2025. A significant opportunity for the Indian chemical industry is the increasing demand for specialty chemicals globally.
- China accounts for ~15-17% of the World's exportable speciality chemicals, while India accounts for merely 1-2%, indicating that the country has immense scope for improvement and widespread opportunity. It is anticipated that Specialty chemicals will be India's next excellent export pillar.









## Products catering to High Growth Industries





#### Construction/Building/Housing

- Outlay for PM Awas Yojana is being enhanced by 66% to over INR 79,000 Cr.
- Real estate sector in India is expected to reach a market size of USD 1 trillion by 2030 and contribute 13% to the country's GDP by 2025.
- Retail, hospitality, and commercial real estate are also growing significantly, providing the much-needed infrastructure for India's growing needs.
- The vision of 'Housing For All' and the ambitious PMAY will further bolster the growth in this segment.



#### Infrastructure

- Investment of INR 75,000 Cr, for 100 critical transport infrastructure projects, for last and first mile connectivity for ports, coal, steel, fertilizer, and food grains sectors.
- Urban Infrastructure Development Fund (UIDF) will be established through use of priority Sector Lending shortfall, which will be managed by the national Housing Bank, and will be used by public agencies to create urban infrastructure in Tier 2 and Tier 3 cities.
- The government has allocated INR 16,000 Cr towards its Smart Cities Mission for FY24.



#### Detergents and Soaps

- The India soap market stood at a value of around USD 3.53 Bn in 2022 and is expected to grow at a CAGR of 6.8% from 2023-2028.
- The India detergents market was valued at INR 42,827 Cr in 2019 and is projected to reach INR 73,660 Cr by 2027; it is expected to grow at a CAGR of 7.0% from 2020 to 2027.
- Increasing consumer awareness about enhancing health and quality of living; and rising disposable income and consumer expenditure on personal hygiene products, resulting into high consumption of sanitizing products.



#### Agriculture and Irrigation

- In the 2023-24 Union Budget, Ministry of Agriculture and Farmers' Welfare has been allocated INR 1,25,000 Cr. The government has given a clear signal to rural India that it is committed to their cause.
- Budgetary allocation to Rural Development, Irrigation Projects and Subsidies coupled with credit availability will Agriculture induce increased demand.



#### Water Treatment

- "Namami Gange", the clean Ganga initiative, can create significant opportunities.
- INR 200 Bn has been pledged by the Govt. over the next five years to clean up the Ganga.
- The CPCB has introduced tighter waste water discharge standards for municipal waste water treatment plants.
- Future facilities will need to comply with these standards, while existing waste water treatment plants will need to meet them within five years.



# Historical Income Statement



				LIMITE		
Particulars (INR Mn)	FY19	FY20	FY21	FY22	FY23	
Operational Income	13,528	12,773	14,643	24,547	26,338	
Total Expenses	11,909	11,308	12,549	21,299	22,053	
EBITDA	1,619	1,465	2,094	3,248	4,285	
EBITDA Margins (%)	11.97%	11.47%	14.30%	13.23%	16.27%	
Other Income	36	85	113	61	153	
Depreciation	834	872	874	885	902	
Interest	1,040	1,075	1,197	1,131	1,261	
Profit before exceptional items	(219)	(397)	137	1,293	2,275	
Exceptional Item	-	-	<u>-</u>	139	469	
PBT	(219)	(397)	137	1,432	2,744	
Tax	(176)	(129)	99	357	824	
Profit After tax	(43)	(268)	38	1,075	1,920	
PAT Margins (%)	NA	NA	0.26%	4.38%	7.29%	
Other Comprehensive Income	7	10	3	(4)	(41)	
Total Comprehensive Income	(36)	(258)	41	1,071	1,879	
Diluted EPS (INR)	(0.19)	(1.12)	0.15	3.78	6.50	

# Historical Balance Sheet

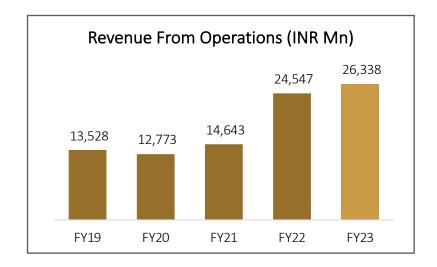


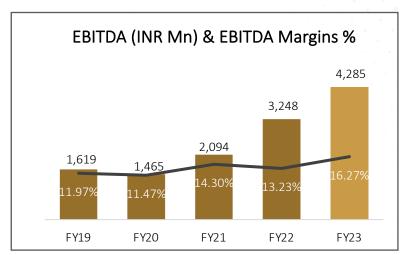
Particulars (INR Mn)	FY21	FY22	FY23
ASSETS			
Non-Current Assets			
Property, Plant & Equipment	13,962	13,386	12,839
Capital Work in progress	38	81	597
Right – of – use Assets	107	134	121
Financial Assets			
(i)Investments	0	0	0
(ii)Other Financial assets	479	96	112
Income tax assets (net)	14	-	10
Other Non- Current Assets	40	58	78
Total Non- Current Assets	14,640	13,755	13,757
Current Assets			
Inventories	1,691	2,471	3,446
Financial Assets			
(i)Investments	-	-	-
(ii)Trade Receivables	952	1,165	1,329
(iii)Cash and Cash Equivalents	500	877	99
(iv)Other Bank Balances	725	248	1,585
(v) Loans	12	11	12
Other Current Assets	232	506	405
Total Current Assets	4,112	5,278	6,876
TOTAL ASSETS	18,752	19,033	20,633

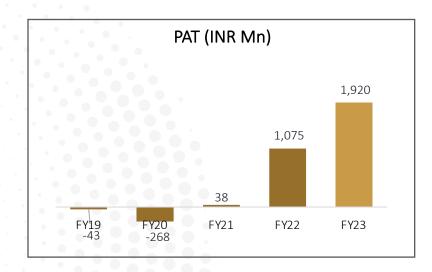
Particulars (INR Mn)	FY21	FY22	FY23
EQUITY AND LIABILITIES			
Equity			
Share Capital	522	522	590
Other Equity	6,350	7,496	9,661
Total Equity	6,872	8,018	10,251
Non-Current Liabilities			
(i)Borrowings	5,227	4,409	3,807
(ii)Lease Liability	10	29	17
(iii)Other Financial Liabilities	364	408	200
Provisions	153	184	235
Deferred Tax Liabilities (Net)	616	727	1,044
Other Non-Current Liabilities	98	91	84
Total Non-Current Liabilities	6,468	5,848	5,387
Current Liabilities			
(i)Borrowings	1,003	1,106	1,242
(i)Trade Payables	2,980	2,958	2,750
(ii)Other Financial Liabilities	536	458	749
(iii)Lease Liabilities	1	14	17
Other current Liabilities	836	560	166
Provisions	56	68	71
Income Tax Liabilities (Net)	-	2	-
Total Current Liabilities	5,412	5,166	4,995
Total Liabilities	11,880	11,015	10,382
TOTAL EQUITY AND LIABILITIES	18,752	19,033	20,633

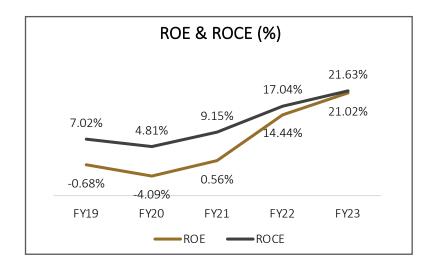
## Financial Performance

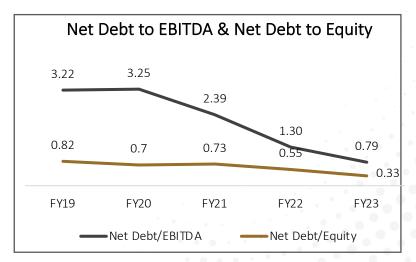


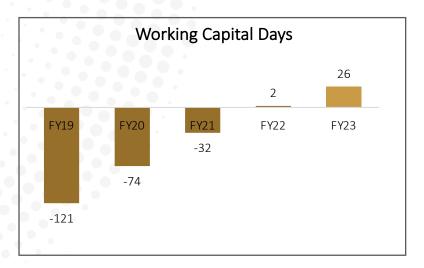






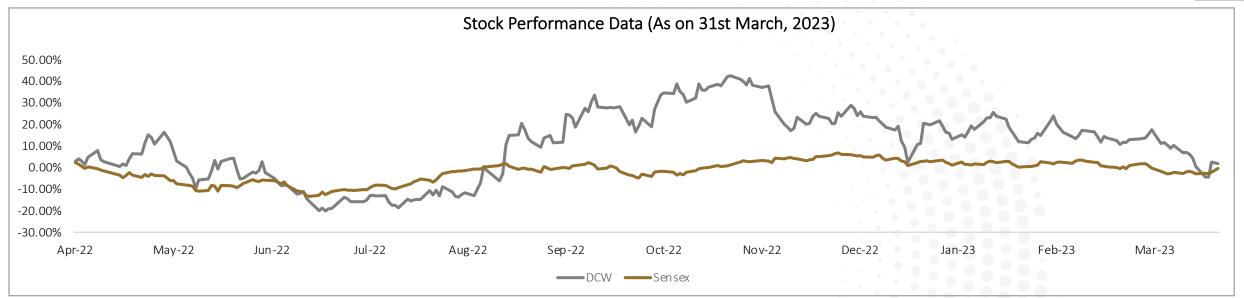




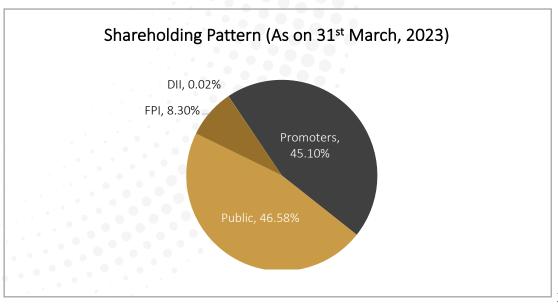


# Capital Market Data





Price Data (As on 31 <sup>st</sup> March, 2023)	INR
Face Value	2.00
CMP	43.49
52 Week H/L	62.55 / 33.55
Market Cap. (Mn)	12,836.29
No. of Share outstanding (Mn)	295.16
Avg. Trading Volume ('000)	2,191.73
Avg. Net Turnover (Mn)	99.16



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