Neutral



Clean Science & Technology

Estimate changes	\longleftrightarrow
TP change	
Rating change	←

Bloomberg	CLEAN IN
Equity Shares (m)	106
M.Cap.(INRb)/(USDb)	157.7 / 1.9
52-Week Range (INR)	1690 / 1243
1, 6, 12 Rel. Per (%)	1/5/-16
12M Avg Val (INR M)	273

Financials & Valuations (INR b)

· manciais & v	uiuutioii	3 (IIIII <i>B)</i>	
Y/E March	FY25E	FY26E	FY27E
Sales	9.4	12.8	16.5
EBITDA	3.8	5.0	6.3
PAT	2.6	3.8	4.8
EPS (INR)	24.4	36.0	45.6
EPS Gr. (%)	6.2	47.7	26.6
BV/Sh.(INR)	134.4	165.8	205.4
Ratios			
Net D:E	-0.1	-0.1	-0.2
RoE (%)	19.7	24.0	24.6
RoCE (%)	19.3	23.6	24.2
Payout (%)	13.1	13.1	13.1
Valuations			
P/E (x)	60.9	41.2	32.6
P/BV (x)	11.0	9.0	7.2
EV/EBITDA (x)	41.8	30.9	24.3
Div. Yield (%)	0.2	0.3	0.4
FCF Yield (%)	0.7	1.1	1.7

Shareholding pattern (%)

As On	Sep-24	Jun-24 9	Sep-23
Promoter	75.0	75.0	75.0
DII	4.8	4.6	5.2
FII	5.8	6.1	6.0
Others	14.4	14.4	13.8

FII Includes depository receipts

Pressure on margin continues to hurt performance

CMP: INR1,484

Clean Science (CLEAN)'s reported EBITDA in 2QFY25 was below our estimate at INR897m (+20% YoY), with a gross margin of 62.4% (vs. 65.9% in 2QFY24). EBITDAM contracted to 37.7% from 41.3% in 2QFY24. Revenue contribution of Performance Chemicals increased 2% YoY in 2QFY25, while that of Pharma & Agro Intermediates declined 1% YoY. PAT increased 13% YoY to INR587m.

TP: INR1,430 (-4%)

- A strong YoY growth was observed across various segments, fueled by higher volumes, with the markets in the Americas and China witnessing meaningful expansion. Absolute revenue doubled in the Americas on a sequential basis as commissioning of HALS701 opened up the market for water treatment chemicals. Management highlighted that there was on average 70% capacity utilization for the standalone business, while the utilization for the HALS segment was very low due to the recent commissioning of the plant.
- CFCL has commenced production of three HALS products, namely, HALS622, HALS944, and HALS119. Management expects volumes to pick up in the next couple of quarters. At peak utilization, the HALS product segment is expected to generate a margin of 25%. Management highlighted that its focus would be on volume growth in 3QFY25 and also to capture higher market share in the legacy products while striving for improved margin.
- CLEAN expended INR1.6b in CFCL in 1HFY25 and plans to commercialize the pharma intermediate product in Nov'24. The peak revenue guidance stands at INR800-900m with a capex of INR300m. It is constructing a production block for a performance chemical with a capex of INR1.5b and peak revenue of INR3.5b. This will be ready by 1HFY26. Construction of a new water treatment chemical is likely to start in the next two weeks and will be commissioned by Dec'25. Capex stands at INR1.5b with an asset turn of ~2x.
- Due to the company's underperformance in 2QFY25, we cut our FY25 EBITDA/PAT estimates by 6%/8%, while maintaining our estimates for FY26. We account for commissioning of the aforementioned new capex and accordingly raise our revenue/EBITDA/PAT estimates by 6% each for FY27. The stock is currently trading at ~41x FY26E EPS of INR36 and ~31x FY26E EV/EBITDA. We value the stock at 35x Sep'26E EPS to arrive at our TP of INR1,430. **Reiterate Neutral.**

A miss on estimates due to higher-than-expected RM and employee costs

- CLEAN reported revenue of INR2.4b (+31% YoY). Gross margin stood at 62.4%
 (-350bp YoY). EBITDA margin was 37.7% (-370bp YoY) during the quarter.
- EBITDA was INR897m (our est. of INR1.1b, +20% YoY), with PAT of INR587m (our est. of INR776m, +13% YoY).
- For 1HFY25, revenue was INR4.6b (+25% YoY), EBITDA was INR1.8b (+22% YoY), and PAT was INR1.2b (+12% YoY). EBITDAM came in at 39.9% (-100bp YoY). The implied 2HFY25 revenue/EBITDA/PAT growth is 14%/5%/1% YoY.

Aman Chowdhary – Research Analyst (Aman.Chowdhary@motilaloswal.com)

Sumant kumar – Research Analyst (Sumant.kumar@MotilalOswal.com)

Motilal Oswai

Segmental and other highlights

- Volume grew YoY in 2QFY25. CLEAN incurred a total capex of INR550m in 2QFY25, primarily in its subsidiary, Clean Fino Chem.
- Revenue from Pharma Chemicals was INR429m (+25% YoY); the growth was led by volumes.
- Revenue from **Performance Chemicals** stood at INR1.6b (+35% YoY); the growth was fueled by higher volumes and growth across segments. HALS' sales volumes and product mix have been improving.
- Revenue from **FMCG Chemicals** was INR356m (+31% YoY), led by volumes.
- Revenue from the **domestic** business stood at 31%, while the rest was exports.

Valuation and view

- CLEAN is actively pursuing R&D activities and has entered the HALS series, which has an estimated global market size of USD1b. While the commercial production from CFCL has commenced, the management expects HALS utilization to reach 80% in three years.
- The company is expected to generate INR5.6b in FCF during FY25-27, with a planned capex of INR5.9b over the same period. The stock is currently trading at ~41x FY26E EPS of INR36 and ~31x FY26E EV/EBITDA. We value the stock at 35x Sep'26E EPS to arrive at our TP of INR1,430. **Reiterate Neutral.**

Consolidated - Quarterly Snapshot (INF									(INR m)			
Y/E March		FY	24			FY	25		FY24	FY25E	FY25	Var.
	1Q	2Q	3Q	4Q	1Q	2Q	3QE	4QE			2QE	(%)
Gross Sales	1,881	1,811	1,947	2,275	2,240	2,381	2,402	2,420	7,915	9,444	2,406	-1%
YoY Change (%)	-19.6	-26.8	-18.0	4.9	19.1	31.5	23.4	6.4	-15.4	19.3	32.8	
Gross Margin (%)	61.4%	65.9%	66.8%	65.7%	65.4%	62.4%	61.9%	61.4%	65.0%	62.8%	67.6%	-5.2%
EBITDA	761	748	866	945	947	897	940	970	3,321	3,754	1,078	-17%
Margin (%)	40.5	41.3	44.5	41.5	42.3	37.7	39.1	40.1	42.0	39.8	44.8	-7.2
Depreciation	108	111	113	127	158	175	180	193	459	706	162	
Interest	1	3	1	6	1	0	1	2	9	5	2	
Other Income	134	60	78	141	99	111	124	138	413	472	119	
PBT	787	695	830	953	887	832	883	913	3,265	3,516	1,032	-19%
Tax	198	173	204	250	228	245	222	230	825	925	257	
Rate (%)	25.1	24.9	24.6	26.3	25.7	29.4	25.1	25.2	25.3	26.3	24.9	
Adj. PAT	589	522	626	703	659	587	661	683	2,440	2,591	776	-24%
YoY Change (%)	-6.3	-23.2	-25.3	-12.7	11.9	12.6	5.6	-2.8	-17.3	6.2	48.6	
Margin (%)	31.3	28.8	32.2	30.9	29.4	24.7	27.5	28.2	30.8	27.4	32.2	-7.6
Segment-wise Revenue (INR m)												
Performance Chemicals	1,260	1,213	1,305	1,604	1,546	1,643	1,711	1,744	5,382	5,382	1,697	-3%
Pharma & Agro Intermediates	357	344	370	432	403	429	384	384	1,504	1,504	408	5%
FMCG Chemicals	245	272	253	259	291	356	308	245	1,029	1,029	281	27%
Others	19	-19	19	-19	0	-46	-0	46	0	0	20	PL

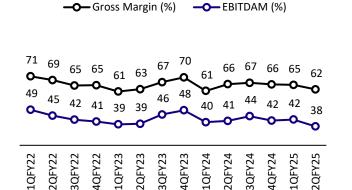
Story in charts: 2QFY25

Exhibit 1: Revenue increased 31% YoY



Source: Company, MOFSL

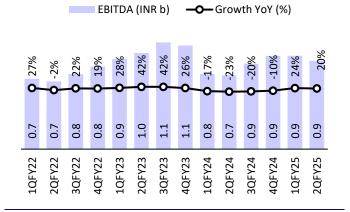
Exhibit 2: GM and EBITDAM contracted YoY



Source: Company, MOFSL

—O—Growth YoY (%)

Exhibit 3: EBITDA increased 20% YoY



Source: Company, MOFSL

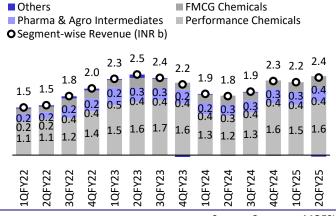
Exhibit 4: PAT was up 13% YoY

PAT (INR b)



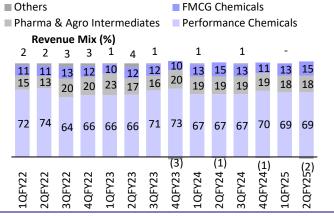
Source: Company, MOFSL

Exhibit 5: Revenue across segments rose YoY



Source: Company, MOFSL

Exhibit 6: Contribution from Performance Chemicals improved YoY



Source: Company, MOFSL

Exhibit 7: Domestic sales increased 17% YoY

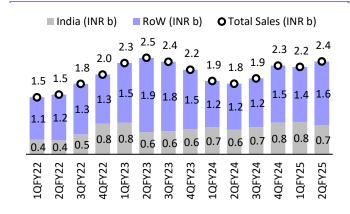
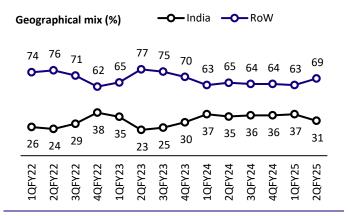


Exhibit 8: Contribution from exports improved YoY



Source: Company, MOFSL Source: Company, MOFSL

Exhibit 9: Share of revenue from China and Americas increased YoY, while it declined for India and Europe

Region	wise Mix	(%)		■ lı	ndia	■ Am	ericas	■ E	urope		China	■ R	oW
8%	6%	4%	9%	6%	8%	7%	_	10%	10%	10%	13%	10%	10%
33% 19% 16% 24%	43% 11% 14% 26%	43% 12% 10% 28%	20% 17% 16% 39%	32% 14% 13% 35%	37% 16% 16% 23%	35% 15% 18% 25%	36% 19% 17% 29%	21% 13% 19% 37%	19% 17% 19% 35%	21% 14% 19% 36%	26% 12% 12% 36%	23% 18% 12% 37%	21% 14% 24% 31%
1QFY22	2QFY22	3QFY22	4QFY22	1QFY23	2QFY23	3QFY23	4QFY23 %	1QFY24	2QFY24	3QFY24	4QFY24	1QFY25	2QFY25

Source: Company, MOFSL

Motilal Oswai.



Conference call highlights

- Business environment continues to be encouraging
- Improved sales led to EBITDA growth of 20% YoY
- Launch of Pharma Intermediates on track to be commissioned in 3QFY25 (15th Nov'24)

Clean Science

- Capex of INR300m was primarily for domestic customers and import substitution product, with a revenue potential of INR800-900m
- Approvals still not in place, validation and approvals to take 1-3 months after commissioning
- CLEAN's capacity is 50% of Indian imports
- Revenues to start flowing from 4QFY25
- HALS would ramp up going forward
- Construction activity has started for a product in performance chemicals, which would be commissioned in Jun-Jul'25
- Capex of ~INR1.5b, with a revenue potential of INR3.5b
- Another water treatment product's capex is being undertaken and will be commercialized by Dec'25
- Peak revenue guidance of INR3.0-3.2b with an asset turn of ~2x
- Construction to start in the next two weeks
- Focus would be on volume growth in 3QFY25 in the parent business
- Water treatment chemicals market has opened up in the US because of HALS
 701
- Absolute revenue is sustainable
- HALS622, HALS944, and HALS119 were successfully launched and have started receiving approvals from the customers
- Volumes to start picking up in the next couple of quarters
- MEHQ's share by capacity is 60% globally for CLEAN
- The parent company's average utilization is 70%, and for the subsidiary it is much lower because of the newly launched products

Financial story in charts

Exhibit 10: Expect 28% revenue CAGR over FY24-27...

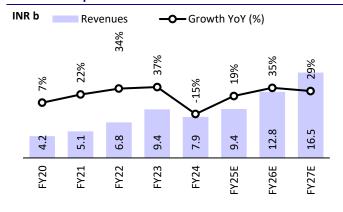
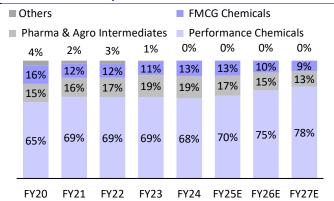


Exhibit 11: ...driven by contribution from Performance Chemicals



Source: Company, MOFSL

Source: Company, MOFSL

Source: Company, MOFSL

Exhibit 12: EBITDA margin to normalize on a consol. basis

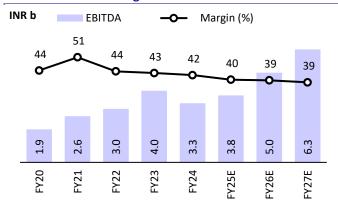
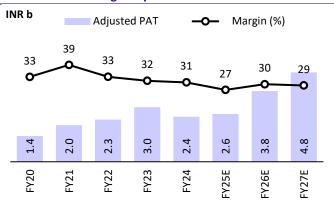


Exhibit 13: PAT margin expected to be flat

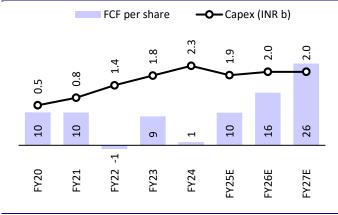


Source: Company, MOFSL

Exhibit 14: Return profile to moderate vs. FY23

RoE RoCE 45.5 43.5 32.4 43.4 24.2 23.6 34.9 33.2 19.3 24.6 24.0 22.1 19.7 FY21 Source: Company, MOFSL

Exhibit 15: Expect capex of INR5.9b over FY25-27



Source: Company, MOFSL

MOTILAL OSWAL

Financials and valuations

Appl. of Funds

Consolidated - Financial Snapshot Y/E March	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	(INR m
Total Income from Operations	4,193	5,124	6,849	9,358	7,915	9,444	12,760	16,450
Change (%)	6.6	22.2	33.7	36.6	-15.4	19.3	35.1	28.9
Gross Margin (%)	69.2	75.9	67.2	65.2	65.0	62.8	65.3	65.5
EBITDA	1,853			4,021	3,321		5,034	
		2,590	2,999		•	3,754	•	6,333
Margin (%)	44.2	50.5	43.8	43.0	42.0	39.8	39.5	38.5
Depreciation	137	172	249	361	459	706	717	756
EBIT	1,716	2,417	2,750	3,660	2,861	3,048	4,317	5,577
Int. and Finance Charges	1	1	1	2	9	5	6	7
Other Income	109	256	300	298	413	472	479	494
PBT bef. EO Exp.	1,823	2,673	3,048	3,956	3,265	3,516	4,790	6,064
PBT after EO Exp.	1,823	2,673	3,048	3,956	3,265	3,516	4,790	6,064
Total Tax	427	689	763	1,005	825	925	962	1,218
Tax Rate (%)	23.4	25.8	25.0	25.4	25.3	26.3	20.1	20.1
Reported PAT	1,396	1,984	2,285	2,952	2,440	2,591	3,828	4,846
Adjusted PAT	1,396	1,984	2,285	2,952	2,440	2,591	3,828	4,846
Change (%)	43.0	42.1	15.2	29.2	-17.3	6.2	47.7	26.6
Margin (%)	33.3	38.7	33.4	31.5	30.8	27.4	30.0	29.5
Consolidated - Balance Sheet								(INR m)
Y/E March	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Equity Share Capital	13	106	106	106	106	106	106	106
Total Reserves	3,408	5,290	7,578	9,994	11,925	14,178	17,506	21,719
Net Worth	3,421	5,397	7,684	10,100	12,032	14,284	17,612	21,825
Total Loans	27	3	3	1	0	0	0	0
Deferred Tax Liabilities	102	176	209	234	299	299	299	299
Capital Employed	3,550	5,576	7,897	10,335	12,331	14,584	17,911	22,125
Gross Block	2,247	2,610	3,959	5,963	8,182	10,032	12,032	14,032
Less: Accum. Deprn.	591	752	1,001	1,362	1,821	2,527	3,244	4,000
Net Fixed Assets	1,656	1,859	2,957	4,601	6,361	7,505	8,788	10,032
Capital WIP	34	550	441	205	573	573	573	573
Total Investments	1,330	2,321	1,911	3,531	3,394	3,394	3,394	3,394
Curr. Assets, Loans&Adv.	1,279	1,870	3,938	3,181	3,635	5,056	7,780	11,505
Inventory	346	529	881	1,088	1,237	1,475	1,993	2,570
Account Receivables	698	742	1,535	1,462	1,637	1,954	2,640	3,403
Cash and Bank Balance	93	157	747	125	106	846	2,040	4,170
Cash Balanca	92	93	579	125	104	844	2,089	4,168
Bank Balance	1 142	63	168	0	2	2	1.056	1 261
Loans and Advances	142	442	774	506	655	782	1,056	1,361
Curr. Liability & Prov.	749	1,023	1,350	1,184	1,632	1,945	2,624	3,379
Account Payables	357	610	1,021	805	1,085	1,294	1,749	2,254
Other Current Liabilities	387	408	324	370	536	639	864	1,114
Provisions	5	5	5	8	12	12	12	12
Net Current Assets	530	846	2,587	1,997	2,003	3,111	5,156	8,125

7 November 2024 7

3,550

5,576

7,897

10,334

12,331

14,584

17,911

22,125

Financials and valuations

Ratios								
Y/E March	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Basic (INR)								
EPS	13.1	18.7	21.5	27.8	23.0	24.4	36.0	45.6
EPS Growth (%)	43.0	42.1	15.2	29.2	-17.3	6.2	47.7	26.6
Cash EPS	14.4	20.3	23.9	31.2	27.3	31.0	42.8	52.7
BV/Share	32.2	50.8	72.3	95.1	113.2	134.4	165.8	205.4
DPS	1.0	0.3	3.3	5.0	3.0	3.2	4.7	6.0
Payout (%)	7.4	1.7	15.1	18.0	13.1	13.1	13.1	13.1
Valuation (x)	7			20.0	20.2			
P/E	113.0	79.5	69.0	53.4	64.6	60.9	41.2	32.6
Cash P/E	102.9	73.2	62.2	47.6	54.4	47.9	34.7	28.2
P/BV	46.1	29.2	20.5	15.6	13.1	11.0	9.0	7.2
EV/Sales	37.6	30.7	22.9	16.8	19.9	16.6	12.2	9.3
EV/EBITDA	85.1	60.8	52.3	39.2	47.5	41.8	30.9	24.3
Dividend Yield (%)	0.1	0.0	0.2	0.3	0.2	0.2	0.3	0.4
FCF per share	10.3	10.2	-1.2	9.1	1.0	10.2	16.5	25.6
Return Ratios (%)	10.5	10.2	1.2	5.1	1.0	10.2	10.5	23.0
RoE	45.5	45.0	34.9	33.2	22.1	19.7	24.0	24.6
RoCE	43.4	43.5	33.9	32.4	21.6	19.3	23.6	24.0
RoIC	64.2	77.3	56.1	48.5	29.0	24.9	31.9	34.5
Working Capital Ratios	04.2	77.3	30.1	40.5	23.0	24.3	31.9	34.3
Fixed Asset Turnover (x)	2.9	2.9	2.8	2.5	1.4	1.4	1.6	1.7
Asset Turnover (x)	1.2	0.9	0.9	0.9	0.6	0.6	0.7	0.7
Inventory (Days)	30	38	47	42	57	57	57	57
Debtor (Days)	61	53	82	57	76	76	76	76
Creditor (Days)	31	43	54	31	50	50	50	50
Leverage Ratio (x)	31	43	J4	31	30	30	30	30
Current Ratio	1.7	1.8	2.9	2.7	2.2	2.6	3.0	3.4
Net Debt/Equity	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.1	-0.2
Net Debt/ Equity	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.2
Consolidated - Cash Flow Statement								(INR m)
Y/E March	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
OP/(Loss) before Tax	1,823	2,673	3,048	3,956	3,265	3,516	4,790	6,064
Depreciation	137	172	249	361	459	706	717	756
Interest Expenses	1	1	1	2	9	5	6	730
Others		-109	-126	-153	-313	0	0	0
Direct Taxes Paid	-424	-659	-691	-945	-755	-925	-962	
(Inc)/Dec in WC	131	-149	-1,209	-428	-295	-369	-800	-1,218 -890
CF from Operations	1,601	1,928	1,273	2,793	2,370	2,933	3,751	4,719
(Inc)/Dec in FA	-503	-840	-1,396	-1,831	-2,267	-1,850	-2,000	-2,000
Free Cash Flow								
	1,098	1,088	-123	962	103	1,083	1,751	2,719
Change in Investments	-563	-1,078	532	-929	380	0	0	0
Others CE from Investments	1 062	51	78 78 6	61	29	1 950	3 000	
CF from Investments	-1,063	-1,867	-786	-2,698	-1,859	-1,850	-2,000	-2,000
Issue of Shares	0	0	0	9	9	0	0	0
Inc/(Dec) in Debt	1 -1	-24 -1	0	-1	0	0	-6	-7
Interest Paid Dividend Paid			-1		-8 E21	-5		
Dividend Paid	-153	-33	0	-558	-531	-338	-500	-633
Others	-386	-1	0	-1	-2	0	0	0
CF from Fin. Activity	-540	-59	-1	-550	-532	-343	-506	-640
Inc/Dec of Cash	- 3	1	486	- 455	- 20	740	1,245	2,079
Opening Balance	95	92	93	579	125	104	844	2,089
Closing Balance	92	93	579	124	105	844	2,089	4,168

Investment in securities market are subject to market risks. Read all the related documents carefully before investing

Explanation of Investment Rating							
Investment Rating	Expected return (over 12-month)						
BUY	>=15%						
SELL	<-10%						
NEUTRAL	< - 10 % to 15%						
UNDER REVIEW	Rating may undergo a change						
NOT RATED	We have forward looking estimates for the stock but we refrain from assigning recommendation						

*In case the recommendation given by the Research Analyst is inconsistent with the investment rating legend for a continuous period of 30 days, the Research Analyst shall be within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend. Disclosures

The following Disclosures are being made in compliance with the SEBI Research Analyst Regulations 2014 (herein after referred to as the Regulations).

Motilal Oswal Financial Services Ltd. (MOFSL) is a SEBI Registered Research Analyst having registration no. INH000000412. MOFSL, the Research Entity (RE) as defined in the Regulations, is engaged in the business of providing Stock broking services, Depository participant services & distribution of various financial products. MOFSL is a listed public company, the details in respect of which are available on www.motilaloswal.com. MOFSL (erstwhile Motilal Oswal Securities Limited - MOSL) is registered with the Securities & Exchange Board of India (SEBI) and is a registered Trading Member with National Stock Exchange of India Ltd. (NSE) and Bombay Stock Exchange Limited (BSE), Multi Commodity Exchange of India Limited (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) for its stock broking activities & is Depository participant with Central Depository Services Limited (CDSL) National Securities Depository Limited (NSDL), NERL, COMRIS and CCRL and is member of Association of Mutual Funds of India (AMFI) for distribution of financial products and Insurance Regulatory & Development Authority of India (IRDA) as Corporate Agent for insurance products. Details of associate entities of Motifal Oswal Financial Services Limited are available on the website at http://onlinereports.motilaloswal.com/Dormant/documents/List%20of%20Associate%20companies.pdf
MOFSL and its associate company(ies), their directors and Research Analyst and their relatives may; (a) from time to time, have a long or short position in, act as principal in, and buy or sell the securities or

derivatives thereof of companies mentioned herein. (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies) or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.

MOFSL and / or its affiliates do and seek to do business including investment banking with companies covered in its research reports. As a result, the recipients of this report should be aware that MOFSL may have a potential conflict of interest that may affect the objectivity of this report. Compensation of Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions. Details of pending Enquiry Proc https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx Enquiry Proceedings of Motilal Oswal Financial Limited Services available are

A graph of daily closing prices of securities is available at www.nseindia.com, www.bseindia.com. Research Analyst views on Subject Company may vary based on Fundamental research and Technical Research. Proprietary trading desk of MOFSL or its associates maintains arm's length distance with Research Team as all the activities are segregated from MOFSL research activity and therefore it can have an independent view with regards to Subject Company for which Research Team have expressed their views.

Regional Disclosures (outside India)

This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL & its group companies to registration or licensing requirements within such jurisdictions.

For Hong Kong:

This report is distributed in Hong Kong by Motilal Oswal capital Markets (Hong Kong) Private Limited, a licensed corporation (CE AYY-301) licensed and regulated by the Hong Kong Securities and Futures Commission (SFC) pursuant to the Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong) "SFO". As per SEBI (Research Analyst Regulations) 2014 Motilal Oswal Securities (SEBI Reg. No. INH00000412) has an agreement with Motilal Oswal capital Markets (Hong Kong) Private Limited for distribution of research report in Hong Kong. This report is intended for distribution only to "Professional Investors" as defined in Part I of Schedule 1 to SFO. Any investment or investment activity to which this document relates is only available to professional investor and will be engaged only with professional investors." Nothing here is an offer or solicitation of these securities, products and services in any jurisdiction where their offer or sale is not qualified or exempt from registration. The Indian Analyst(s) who compile this report is/are not located in Hong Kong & are not conducting Research Analysis in Hong Kong.

For U.S.

Motilal Oswal Financial Services Limited (MOFSL) is not a registered broker - dealer under the U.S. Securities Exchange Act of 1934, as amended (the "1934 act") and under applicable state laws in the United States. In addition MOFSL is not a registered investment adviser under the U.S. Investment Advisers Act of 1940, as amended (the "Advisers Act" and together with the 1934 Act, the "Acts), and under applicable state laws in the United States. Accordingly, in the absence of specific exemption under the Acts, any brokerage and investment services provided by MOFSL, including the products and services described herein are not available to or intended for U.S. persons. This report is intended for distribution only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the Exchange Act and interpretations thereof by SEC (henceforth referred to as "major institutional investors"). This document must not be acted on or relied on by persons who are not major institutional investors. Any investment or investment activity to which this document relates is only available to major institutional investors and will be engaged in only with major institutional investors. In reliance on the exemption from registration provided by Rule 15a-6 of the U.S. Securities Exchange Act of 1934, as amended (the "Exchange Act") and interpretations thereof by the U.S. Securities and Exchange Commission ("SEC") in order to conduct business with Institutional Investors based in the U.S., MOFSL has entered into a chaperoning agreement with a U.S. registered broker-dealer, Motilal Oswal Securities International Private Limited. ("MOSIPL"). Any business interaction pursuant to this report will have to be executed within the provisions of this chaperoning agreement.

The Research Analysts contributing to the report may not be registered /qualified as research analyst with FINRA. Such research analyst may not be associated persons of the U.S. registered broker-dealer, MOSIPL, and therefore, may not be subject to NASD rule 2711 and NYSE Rule 472 restrictions on communication with a subject company, public appearances and trading securities held by a research analyst account.

For Singapore
In Singapore, this report is being distributed by Motilal Oswal Capital Markets (Singapore) Pte. Ltd. ("MOCMSPL") (UEN 201129401Z), which is a holder of a capital markets services license and an exempt financial adviser in Singapore. This report is distributed solely to persons who (a) qualify as "institutional investors" as defined in section 4A(1)(c) of the Securities and Futures Act of Singapore ("SFA") or (b) are considered "accredited investors" as defined in section 2(1) of the Financial Advisers Regulations of Singapore read with section 4A(1)(a) of the SFA. Accordingly, if a recipient is neither an "institutional investor" nor an "accredited investor", they must immediately discontinue any use of this Report and inform MOCMSPL

In respect of any matter arising from or in connection with the research you could contact the following representatives of MOCMSPL. In case of grievances for any of the services rendered by MOCMSPL write to grievances@motilaloswal.com.

Nainesh Rajani

Email: nainesh.raiani@motilaloswal.com

Contact: (+65) 8328 0276

- MOFSL, Research Analyst and/or his relatives does not have financial interest in the subject company, as they do not have equity holdings in the subject company.
- MOFSL, Research Analyst and/or his relatives do not have actual/beneficial ownership of 1% or more securities in the subject company
- MOFSL, Research Analyst and/or his relatives have not received compensation/other benefits from the subject company in the past 12 months MOFSL, Research Analyst and/or his relatives do not have material conflict of interest in the subject company at the time of publication of research report
- Research Analyst has not served as director/officer/employee in the subject company
- MOFSL has not acted as a manager or co-manager of public offering of securities of the subject company in past 12 months
- MOFSL has not received compensation for investment banking/merchant banking/brokerage services from the subject company in the past 12 months
- MOFSL has not received compensation for other than investment banking/merchant banking/brokerage services from the subject company in the past 12 months
- MOFSL has not received any compensation or other benefits from third party in connection with the research report MOFSL has not engaged in market making activity for the subject company

The associates of MOFSL may have:

- financial interest in the subject company
- actual/beneficial ownership of 1% or more securities in the subject company at the end of the month immediately preceding the date of publication of the Research Report or date of the public appearance.
- received compensation/other benefits from the subject company in the past 12 months
- any other potential conflict of interests with respect to any recommendation and other related information and opinions, however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.
- acted as a manager or co-manager of public offering of securities of the subject company in past 12 months
- be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies)

9 7 November 2024

MOTILAL OSWAL

Clean Science

received compensation from the subject company in the past 12 months for investment banking / merchant banking / brokerage services or from other than said services. Served subject company as its clients during twelve months preceding the date of distribution of the research report.

The associates of MOFSL has not received any compensation or other benefits from third party in connection with the research report

Above disclosures include beneficial holdings lying in demat account of MOFSL which are opened for proprietary investments only. While calculating beneficial holdings, It does not consider demat accounts which are opened in name of MOFSL for other purposes (i.e holding client securities, collaterals, error trades etc.). MOFSL also earns DP income from clients which are not considered in above disclosures.

Analyst Certification

The views expressed in this research report accurately reflect the personal views of the analyst(s) about the subject securities or issues, and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations and views expressed by research analyst(s) in this report.

Terms & Conditions:

This report has been prepared by MOFSL and is meant for sole use by the recipient and not for circulation. The report and information contained herein is strictly confidential and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of MOFSL. The report is based on the facts, figures and information that are considered true, correct, reliable and accurate. The intent of this report is not recommendatory in nature. The information is obtained from publicly available media or other sources believed to be reliable. Such information has not been independently verified and no guaranty, representation of warranty, express or implied, is made as to its accuracy, completeness or correctness. All such information and opinions are subject to change without notice. The report is prepared solely for informational purpose and does not constitute an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments for the clients. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. MOFSL will not treat recipients as customers by virtue of their receiving this report.

Disclaimer

The report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent. This report and information herein is solely for informational purpose and may not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient. This may not be taken in substitution for the exercise of independent judgment by any recipient. Each recipient of this document should make such investigations as it deems necessary to arrive at an independent evaluation of an investment in the securities of companies referred to in this document (including the merits and risks involved), and should consult its own advisors to determine the merits and risks of such an investment. The investment discussed or views expressed may not be suitable for all investors. Certain transactions -including those involving futures, options, another derivative products as well as non-investment grade securities - involve substantial risk and are not suitable for all investors. No representation or warranty, express or implied, is made as to the accuracy, completeness or fairness of the information and opinions contained in this document. The Disclosures of Interest Statement incorporated in this document is provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. This information is subject to change without any prior notice. The Company reserves the right to make modifications and alternations to this statement as may be required from time to time without any prior approval. MOFSL, its associates, their directors and the employees may from time to time, effect or have effected an own account transaction in, or deal as principal or agent in or for the securities mentioned in this document. They may perform or seek to perform investment banking or other services for, or solicit investment banking or other business from, any company referred to in this report. Each of these entities functions as a separate, distinct and independent of each other. The recipient should take this into account before interpreting the document. This report has been prepared on the basis of information that is already available in publicly accessible media or developed through analysis of MOFSL. The views expressed are those of the analyst, and the Company may or may not subscribe to all the views expressed therein. This document is being supplied to you solely for your information and may not be reproduced, redistributed or passed on, directly or indirectly, to any other person or published, copied, in whole or in part, for any purpose. This report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction. Neither the Firm, not its directors, employees, agents or representatives shall be liable for any damages whether direct or indirect, incidental, special or consequential including lost revenue or lost profits that may arise from or in connection with the use of the information. The person accessing this information specifically agrees to exempt MOFSL or any of its affiliates or employees from, any and all responsibility/liability arising from such misuse and agrees not to hold MOFSL or any of its affiliates or employees responsible for any such misuse and further agrees to hold MOFSL or any of its affiliates or employees free and harmless from all losses, costs, damages, expenses that may be suffered by the person accessing this information due to any errors and delays.

This report is meant for the clients of Motilal Oswal only.

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.

Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors.

Registered Office Address: Motilal Oswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022 - 71934200 / 71934263; www.motilaloswal.com.

Registered Office Address: Mollial Oswar Tower, Rahimfullari Sayahi Road, Opposite Parel ST Depot, Prabhadevi, Multibar-400025, Tel Not. 022 - 11934200 / 11934265, www.inbilialoswal.com. Correspondence Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad (West), Mumbai- 400 064. Tel No: 022 71881000. Details of Compliance Officer: Neeraj Aganwal, Email Id: na@motilaloswal.com, Contact No: 022-40548085.

Grievance Redressal Cell:

Contact Person	Contact No.	Email ID		
Ms. Hemangi Date	022 40548000 / 022 67490600	query@motilaloswal.com		
Ms. Kumud Upadhyay	022 40548082	servicehead@motilaloswal.com		
Mr. Ajay Menon	022 40548083	am@motilaloswal.com		

Registration details of group entities.: Motilal Oswal Financial Services Ltd. (MOFSL): INZ000158836 (BSE/NSE/MCX/NCDEX); CDSL and NSDL: IN-DP-16-2015; Research Analyst: INH000000412 . AMFI: ARN .: 146822. IRDA Corporate Agent – CA0579. Motilal Oswal Financial Services Ltd. is a distributor of Mutual Funds, PMS, Fixed Deposit, Insurance, Bond, NCDs and IPO products. Customer having any query/feedback/ clarification may write to query@motilaloswal.com. In case of grievances for any of the services rendered by Motilal Oswal Financial Services Limited (MOFSL) write to grievances@motilaloswal.com, for DP to dpgrievances@motilaloswal.com.