## Volume strategy plays out, margins have peaked

## Quick Pointers:

- Domestic sales up $10.2 \%$ led by volumes
- Gross margins decline 60bps YoY and 40bps QoQ as input costs have started firming up
- Nestle to launch organic food products in "Milk Products and Nutrition"

We are cutting CY19 and CY20 EPS estimates of Nestle by 0.4\% and 3.6\% due as we believe that input costs led margin tailwinds are over. We now factor in120bps decline in gross margins in CY19 and 30bps in CY20. Nestlé's 1QCY19 nos show 10.2\% domestic sales growth (12\% in 4Q18) in a challenging operating environment, showing success of new launches and volume focused strategy. We believe success of new launches and sustained innovation pipeline holds key to growth sustenance.

We expect medium term levers to play out led by 1) improved demand growth momentum on the back of rural package 2) Cluster based strategy to go deeper and increase sales in interiors 3) strong innovation and renovation with high success rates. We estimate 11.9\% EBIDTA and 12.8\% PAT CAGR over CY18-20 and value the stock at 46xMarch21 EPS and arrive at target price of Rs10742 (Rs10828 earlier). Retain Accumulate

- Net Sales up 8.9\%; Adj. PAT grew 8.2\%: Net sales grew 8.9\% to Rs30bn (Est.30.3bn) led by domestic sales growth of $10.2 \%$ \& volume growth across brands. Export sales were down 8.9\% due to lower coffee exports to Turkey. Gross margins were down by 57bps to $58.53 \%$ due to higher input costs of Wheat, Palm Oil \& SMP despite lower coffee and benign sugar prices. Gross margins were down by 57 bps to $58.5 \%$ due to higher input costs of Wheat, Palm Oil \& SMP despite lower coffee and benign sugar prices. EBITDA grew by $5.3 \%$ to Rs 7.5 bn (Est. Rs7.73bn). EBITDA margins down by 86 bps to $25 \%$ (Est. 25.5\%) on lower gross margins \& 36bps increase in staff costs. Adj. PAT increased by $8.2 \%$ to Rs 4.75 bn (Est. Rs4.94bn) aided by 40bps lower depreciation and $30 \%$ increase in other income.
- Maggi, KitKat and Munch drive growth: 1Q growth has been broad based, led by volumes. However, KitKat, Munch and Maggi have been key growth drivers. We believe that KitKat is showing strong traction showing success of Improved product and value added variants like KitKat Dessert Delight and KITKAT Dessert Delight Brownie Kubes. Munch sales have been led by increased visibility and sales of Munch Nuts, in our view. Nestle has launched more than launched more than 40 new products in the past 2 years out of which 25 have been a success. Healthy innovation pipeline and high success rate will enable double digit volume growth.
- Input costs are hardening, Gross margins have peaked out: Input cost tailwind has given 260 bps gross margin gains in CY18, however margins have peaked out as prices of wheat, SMP and Cocoa are firming up. We estimate 120bps decline in gross margins in CY19 and 30bps in CY20.

Exhibit 1: Q1CY19 Results: Adjusted PAT up $8.2 \%$ on $8.9 \%$ sales growth, Gross margins have peaked out

| Y/e Dec (Rs mn) | Q1CY19 | Q1CY18 | YoY gr. (\%) | Q4CY18 | CY18 | CY17 | YoY gr. (\%) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net Sales | 30,030 | 27,572 | 8.9 | 28,973 | 1,12,923 | 1,00,096 | 12.8 |
| Gross Profit | 17,576 | 16,296 | 7.9 | 17,078 | 67,020 | 56,827 | 17.9 |
| \% of NS | 58.5 | 59.1 |  | 58.9 | 59.4 | 56.8 |  |
| Other Expenses | 10,082 | 9,176 | 9.9 | 10,941 | 39,696 | 34,614 | 14.7 |
| EBITDA | 7,495 | 7,119 | 5.3 | 6,137 | 27,324 | 22,214 | 23.0 |
| Margins (\%) | 25.0 | 25.8 |  | 21.2 | 24.2 | 22.2 |  |
| Depreciation | 780 | 825 | (5.5) | 784 | 3,357 | 3,423 | (1.9) |
| Interest | 316 | 311 | 1.7 | 252 | 1,120 | 919 | 21.8 |
| Other Income | 732 | 564 | 29.7 | 752 | 2,589 | 1,769 | 46.3 |
| PBT | 7,131 | 6,547 | 8.9 | 5,854 | 25,437 | 19,641 | 29.5 |
| Tax | 2,381 | 2,157 | 10.4 | 1,804 | 8,263 | 6,355 | 30.0 |
| Effective tax rate (\%) | 33.4 | 32.9 |  | 30.8 | 32.5 | 32.4 |  |
| Adjusted PAT | 4,750 | 4,391 | 8.2 | 4,049 | 17,174 | 13,287 | 29.3 |

Source: Company, PL

Exhibit 2: Wheat prices up 16.9\% YoY and 2\% QoQ


Source: Company, PL

Exhibit 3: Palm oil spurts; down 14.4\% YoY and up 4.1\% QoQ


Source: Company, PL

Exhibit 4: Sugar prices benign, down $3 \%$ YoY and flat QoQ Exhibit 5: SMP prices firming; up $44.8 \%$ YoY and 16.5\%QoQ


Source: Company, PL


Source: Company, PL

Exhibit 6: Maggi, Chocolates and beverages to drive volumes

| Y/e March | CY17 | CY18 | CY19E | CY20E | CY21E | CY22E |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Milk Products |  |  |  |  |  |  |
| Volume (MT) | 130,796 | 137,066 | 141,863 | 146,829 | 152,702 | 158,810 |
| Volume growth | 1.59\% | 4.79\% | 3.50\% | 3.50\% | 4.00\% | 4.00\% |
| Sales Value (Rs m) | 48,196 | 51,876 | 55,840 | 60,106 | 65,010 | 70,315 |
| Growth in Value | 3.98\% | 7.64\% | 7.64\% | 7.64\% | 8.16\% | 8.16\% |
| \% of sales | 47.55\% | 46.25\% | 44.51\% | 43.13\% | 42.11\% | 41.10\% |
| Beverages |  |  |  |  |  |  |
| Volume (MT) | 24,423 | 27,013 | 29,039 | 31,217 | 33,465 | 35,807 |
| Value (Rs m) | 13,870 | 15,226 | 16,695 | 18,307 | 20,017 | 21,847 |
| Growth in Volume | 10.55\% | 10.60\% | 7.50\% | 7.50\% | 7.20\% | 7.00\% |
| Growth in Value | 7.84\% | 9.78\% | 9.65\% | 9.65\% | 9.34\% | 9.14\% |
| \%Sales | 13.69\% | 13.58\% | 13.43\% | 13.33\% | 13.24\% | 13.12\% |
| Prepared Dishes \& Cooking Aids |  |  |  |  |  |  |
| Volume (MT) | 210,427 | 240,879 | 274,602 | 310,300 | 347,536 | 389,241 |
| Value (Rs m) | 27,071 | 31,053 | 35,931 | 41,211 | 46,849 | 53,257 |
| Growth in Volume | 18.97\% | 14.47\% | 14.00\% | 13.00\% | 12.00\% | 12.00\% |
| Growth in Value | 16.81\% | 14.71\% | 15.71\% | 14.70\% | 13.68\% | 13.68\% |
| \%Sales | 26.71\% | 27.69\% | 28.89\% | 30.00\% | 30.99\% | 31.99\% |
| Chocolate \& Confectionery |  |  |  |  |  |  |
| Volume (MT) | 36,803 | 42,197 | 47,261 | 51,987 | 56,666 | 61,765 |
| Value (Rs m) | 13,227 | 15,924 | 18,727 | 42,228 | 140,388 | 619,743 |
| Growth in Volume | 4.29\% | 14.66\% | 12.00\% | 10.00\% | 9.00\% | 9.00\% |
| Growth in Value | 9.50\% | 20.39\% | 17.60\% | 125.50\% | 232.45\% | 341.45\% |
| \%Sales | 13.05\% | 14.20\% | 15.06\% | 30.74\% | 92.86\% | 372.25\% |

Source: Company, PL

Exhibit 7: Gross Margins have likely peaked out


Source: Company, PL

Exhibit 9: ROE and ROCE to inch up gradually


Source: Company, PL

Exhibit 8: Ad-spend is likely to remain elevated


Source: Company, PL

Exhibit 10: Expect dividend payout to improve gradually


Source: Company, PL

## Financials

| Y/e Dec | CY17 | CY18 | CY19E | CY20E |
| :---: | :---: | :---: | :---: | :---: |
| Net Revenues | 100,096 | 112,923 | 126,295 | 140,302 |
| YoY gr. (\%) | 9.5 | 12.8 | 11.8 | 11.1 |
| Cost of Goods Sold | 43,269 | 45,902 | 52,852 | 59,019 |
| Gross Profit | 56,827 | 67,020 | 73,442 | 81,283 |
| Margin (\%) | 56.8 | 59.4 | 58.2 | 57.9 |
| Employee Cost | 10,175 | 11,242 | 12,545 | 13,937 |
| Other Expenses | 11,993 | 14,841 | 14,727 | 16,513 |
| EBITDA | 22,214 | 27,324 | 30,840 | 34,229 |
| YoY gr. (\%) | 9.4 | 23.0 | 12.9 | 11.0 |
| Margin (\%) | 22.2 | 24.2 | 24.4 | 24.4 |
| Depreciation and Amortization | 3,423 | 3,357 | 3,582 | 3,749 |
| EBIT | 18,791 | 23,967 | 27,257 | 30,480 |
| Margin (\%) | 18.8 | 21.2 | 21.6 | 21.7 |
| Net Interest | 919 | 1,120 | 1,274 | 1,442 |
| Other Income | 1,769 | 2,589 | 2,977 | 3,532 |
| Profit Before Tax | 19,641 | 25,437 | 28,961 | 32,570 |
| Margin (\%) | 19.6 | 22.5 | 22.9 | 23.2 |
| Total Tax | 6,141 | 8,220 | 9,499 | 10,683 |
| Effective tax rate (\%) | 31.3 | 32.3 | 32.8 | 32.8 |
| Profit after tax | 13,500 | 17,217 | 19,462 | 21,887 |
| Minority interest | - | - | - | - |
| Share Profit from Associate | - | - | - | - |
| Adjusted PAT | 13,500 | 17,217 | 19,462 | 21,887 |
| YoY gr. (\%) | 13.2 | 27.5 | 13.0 | 12.5 |
| Margin (\%) | 13.5 | 15.2 | 15.4 | 15.6 |
| Extra Ord. Income / (Exp) | $(1,248)$ | $(1,148)$ | $(1,262)$ | $(1,389)$ |
| Reported PAT | 12,252 | 16,069 | 18,199 | 20,498 |
| YoY gr. (\%) | 22.4 | 31.2 | 13.3 | 12.6 |
| Margin (\%) | 12.2 | 14.2 | 14.4 | 14.6 |
| Other Comprehensive Income | (890) | (404) | (500) | (500) |
| Total Comprehensive Income | 11,362 | 15,665 | 17,699 | 19,998 |
| Equity Shares O/s (m) | 96 | 96 | 96 | 96 |
| EPS (Rs) | 140.0 | 178.6 | 201.9 | 227.0 |


| Y/e Dec | CY17 | CY18 | CY19E | CY20E |
| :---: | :---: | :---: | :---: | :---: |
| Non-Current Assets |  |  |  |  |
| Gross Block | 55,779 | 57,049 | 59,706 | 62,491 |
| Tangibles | 55,779 | 57,049 | 59,706 | 62,491 |
| Intangibles | - | - |  |  |
| Acc: Dep / Amortization | 29,618 | 33,043 | 36,747 | 40,631 |
| Tangibles | 29,618 | 33,043 | 36,747 | 40,631 |
| Intangibles | - | - | - |  |
| Net fixed assets | 26,162 | 24,006 | 22,959 | 21,860 |
| Tangibles | 26,162 | 24,006 | 22,959 | 21,860 |
| Intangibles | - | - | - |  |
| Capital Work In Progress | 942 | 1,052 | 1,105 | 1,160 |
| Goodwill | - | - | - |  |
| Non-Current Investments | 6,316 | 7,735 | 7,835 | 7,961 |
| Net Deferred tax assets | $(1,220)$ | (588) | $(1,063)$ | $(1,597)$ |
| Other Non-Current Assets | 896 | 907 | 1,148 | 1,273 |
| Current Assets |  |  |  |  |
| Investments | 28,276 | 34,943 | 39,263 | 46,990 |
| Inventories | 9,025 | 9,656 | 11,292 | 12,522 |
| Trade receivables | 890 | 1,246 | 1,340 | 1,470 |
| Cash \& Bank Balance | 234 | 409 | 449 | 482 |
| Other Current Assets | 170 | 224 | 246 | 271 |
| Total Assets | 73,626 | 80,881 | 86,465 | 94,902 |
| Equity |  |  |  |  |
| Equity Share Capital | 964 | 964 | 964 | 964 |
| Other Equity | 33,241 | 35,773 | 38,827 | 41,855 |
| Total Networth | 34,206 | 36,737 | 39,791 | 42,819 |
| Non-Current Liabilities |  |  |  |  |
| Long Term borrowings | 351 | 351 | 351 | 351 |
| Provisions | 22,916 | 24,649 | 26,964 | 29,808 |
| Other non current liabilities | 6 | 5 | 5 | 5 |
| Current Liabilities |  |  |  |  |
| ST Debt / Current of LT Debt | - | - | - |  |
| Trade payables | 9,846 | 12,404 | 12,308 | 13,744 |
| Other current liabilities | 5,081 | 6,146 | 5,982 | 6,577 |
| Total Equity \& Liabilities | 73,626 | 80,881 | 86,466 | 94,902 |


| Cash Flow (Rs m) |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
| Y/e Dec | CY17 | CY18 | CY19E | CY20E |
| PBT | 19,641 | 25,437 | 28,961 | 32,570 |
| Add. Depreciation | 3,423 | 3,357 | 3,582 | 3,749 |
| Add. Interest | 919 | 1,120 | 1,274 | 1,442 |
| Less Financial Other Income | 1,769 | 2,589 | 2,977 | 3,532 |
| Add. Other | $(1,011)$ | $(2,760)$ | $(2,273)$ | $(2,273)$ |
| Op. profit before WC changes | 22,972 | 27,153 | 31,544 | 35,488 |
| Net Changes-WC | $(5,387)$ | $(4,198)$ | $(6,476)$ | $(7,187)$ |
| Direct tax | $(6,141)$ | $(8,220)$ | $(9,499)$ | $(10,683)$ |
| Net cash from Op. activities | $\mathbf{1 1 , 4 4 4}$ | $\mathbf{1 4 , 7 3 5}$ | 15,569 | $\mathbf{1 7 , 6 1 8}$ |
| Capital expenditures | $(1,343)$ | $(1,312)$ | $(2,587)$ | $(2,706)$ |
| Interest / Dividend Income | 1,769 | 2,589 | 2,977 | 3,532 |
| Others | $(1,110)$ | $(1,481)$ | - | - |
| Net Cash from Invt. activities | $(683)$ | $(203)$ | 390 | $\mathbf{8 2 6}$ |
| Issue of share cap. / premium | 17 | $(102)$ | - | - |
| Debt changes | 20 | - | - | - |
| Dividend paid | $(9,980)$ | $(13,134)$ | $(14,645)$ | $(16,970)$ |
| Interest paid | $(919)$ | $(1,120)$ | $(1,274)$ | $(1,442)$ |
| Others | - | - | - | - |
| Net cash from Fin. activities | $(10,861)$ | $(14,356)$ | $(15,919)$ | $(18,412)$ |
| Net change in cash | $(101)$ | $\mathbf{1 7 6}$ | $\mathbf{4 0}$ | $\mathbf{3 3}$ |
| Free Cash Flow | 10,101 | 13,423 | 12,982 | 14,912 |
| Sous Comany Data $P$ PL |  |  |  |  |

Source: Company Data, PL Research

Quarterly Financials (Rs m)

| Y/e Dec | Q2CY18 | Q3CY18 | Q4CY18 | Q1CY19 |
| :--- | ---: | ---: | ---: | ---: |
| Net Revenue | $\mathbf{2 6 , 9 8 4}$ | $\mathbf{2 9 , 3 9 4}$ | $\mathbf{2 8 , 9 7 3}$ | $\mathbf{3 0 , 0 3 0}$ |
| YoY gr. (\%) | 12.3 | 16.9 | 11.4 | 8.9 |
| Raw Material Expenses | 10,890 | 11,841 | 11,894 | 12,453 |
| Gross Profit | 16,094 | 17,552 | 17,078 | 17,576 |
| Margin (\%) | 59.6 | 59.7 | 58.9 | 58.5 |
| EBITDA | $\mathbf{6 , 6 4 8}$ | $\mathbf{7 , 4 2 0}$ | $\mathbf{6 , 1 3 7}$ | $\mathbf{7 , 4 9 5}$ |
| YoY gr. (\%) | $(6.6)$ | 11.6 | $(17.3)$ | 22.1 |
| Margin (\%) | 24.6 | 25.2 | 21.2 | 25.0 |
| Depreciation / Depletion | 817 | 930 | 784 | 780 |
| EBIT | $\mathbf{5 , 8 3 0}$ | $\mathbf{6 , 4 9 0}$ | $\mathbf{5 , 3 5 3}$ | $\mathbf{6 , 7 1 5}$ |
| Margin (\%) | 21.6 | 22.1 | 18.5 | 22.4 |
| Net Interest | 283 | 275 | 252 | 316 |
| Other Income | 602 | 670 | 752 | 732 |
| Profit before Tax | $\mathbf{6 , 1 5 0}$ | $\mathbf{6 , 8 8 6}$ | $\mathbf{5 , 8 5 4}$ | $\mathbf{7 , 1 3 1}$ |
| Margin (\%) | 22.8 | 23.4 | 20.2 | 23.7 |
| Total Tax | 2,003 | 2,257 | 1,804 | 2,381 |
| Effective tax rate (\%) | 32.6 | 32.8 | 30.8 | 33.4 |
| Profit after Tax | $\mathbf{4 , 1 4 7}$ | $\mathbf{4 , 6 2 9}$ | $\mathbf{4 , 0 4 9}$ | $\mathbf{4 , 7 5 0}$ |
| Minority interest | - | - | - | - |
| Share Profit from Associates | - | - | - | - |
| Adjusted PAT | $\mathbf{4 , 1 4 7}$ | $\mathbf{4 , 6 2 9}$ | $\mathbf{4 , 0 4 9}$ | $\mathbf{4 , 7 5 0}$ |
| YoY gr. (\%) | 59.3 | 32.3 | $(4.3)$ | 8.2 |
| Margin (\%) | 15.4 | 15.7 | 14.0 | 15.8 |
| Extra Ord. Income / (Exp) | $(197)$ | $(168)$ | $(632)$ | $(118)$ |
| Reported PAT | $\mathbf{3 , 9 5 0}$ | $\mathbf{4 , 4 6 1}$ | $\mathbf{3 , 4 1 8}$ | $\mathbf{4 , 6 3 3}$ |
| YoY gr. (\%) | 50.0 | 30.0 | 9.6 | 9.3 |
| Margin (\%) | 14.6 | 15.2 | 11.8 | 15.4 |
| Other Comprehensive Income | $(67)$ | $(61)$ | $(95)$ | $(99)$ |
| Total Comprehensive Income | $\mathbf{3 , 8 8 4}$ | $\mathbf{4 , 4 0 0}$ | $\mathbf{3 , 3 2 3}$ | $\mathbf{4 , 5 3 4}$ |
| Avg. Shares O/s (m) | 96 | 96 | 96 | 96 |
| EPS (Rs) | $\mathbf{4 3 . 0}$ | $\mathbf{4 8 . 0}$ | $\mathbf{4 2 . 0}$ | $\mathbf{4 9 . 3}$ |
| Source: Company |  |  |  |  |

Source: Company Data, PL Research

| Key Financial Metrics |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
| Y/e Dec | CY17 | CY18 | CY19E | CY20E |
| Per Share(Rs) |  |  |  |  |
| EPS | 140.0 | 178.6 | 201.9 | 227.0 |
| CEPS | 175.5 | 213.4 | 239.0 | 265.9 |
| BVPS | 354.8 | 381.0 | 412.7 | 444.1 |
| FCF | 104.8 | 139.2 | 134.6 | 154.7 |
| DPS | 86.0 | 113.0 | 126.0 | 146.0 |
| Return Ratio(\%) |  |  |  |  |
| RoCE | 55.5 | 66.9 | 70.6 | 73.2 |
| ROIC | 41.7 | 52.6 | 58.3 | 64.3 |
| RoE | 40.3 | 48.5 | 50.9 | 53.0 |
| Balance Sheet |  |  |  |  |
| Net Debt : Equity (x) | $0.8)$ | $(1.0)$ | $(1.0)$ | $(1.1)$ |
| Net Working Capital (Days) | 0 | $(5)$ | 1 | 1 |
| Valuation(x) |  |  |  |  |
| PER | 73.6 | 57.7 | 51.0 | 45.4 |
| P/B | 29.0 | 27.0 | 25.0 | 23.2 |
| P/CEPS | 175.5 | 213.4 | 239.0 | 265.9 |
| EV/EBITDA | 43.4 | 35.1 | 30.9 | 27.6 |
| EV/Sales | 9.6 | 8.5 | 7.6 | 6.7 |
| Dividend Yield (\%) | 0.8 | 1.1 | 1.2 | 1.4 |
| Source: Company Data, PL Research |  |  |  |  |

[^0]

Analyst Coverage Universe

| Sr. No. | CompanyName | Rating | TP (Rs) | Share Price (Rs) |
| :--- | :--- | :--- | ---: | ---: |
| 1 | Asian Paints | Accumulate | 1,433 | 1,386 |
| 2 | Avenue Supermarts | HOLD | 1,228 | 1,251 |
| 3 | Britannia Industries | Accumulate | 3,145 | 2,783 |
| 4 | Colgate Palmolive | Hold | 1,258 | 1,227 |
| 5 | Crompton Greaves Consumer Electricals | BUY | 272 | 232 |
| 6 | Dabur India | Hold | 430 | 382 |
| 7 | Emami | Accumulate | 484 | 412 |
| 8 | Future Retail | BUY | 554 | 446 |
| 9 | GlaxoSmithKline Consumer Healthcare | Hold | 8,139 | 6,996 |
| 10 | Hindustan Unilever | Hold | 1,764 | 1,694 |
| 11 | ITC | BUY | 369 | 289 |
| 12 | Jubilant FoodWorks | Accumulate | 1,458 | 1,418 |
| 13 | Kansai Nerolac Paints | Accumulate | 464 | 419 |
| 14 | Marico | Hold | 351 | 340 |
| 15 | Nestle India | Accumulate | 10,828 | 10,981 |
| 16 | Pidilite Industries | Accumulate | 1,163 | 1,287 |
| 17 | Titan Company | BUY | 1,264 | 1,132 |
| 18 | Voltas | HOLD | 584 | 580 |

PL's Recommendation Nomenclature (Absolute Performance)

| Buy | $:>15 \%$ |
| :--- | :--- |
| Accumulate | $:$ |
| Hold | $:$ |
| Reduce to $15 \%$ |  |
| Reduce | $:-5 \%$ |
| Sell | $:<-15 \%$ |
| Not Rated (NR) | $:$ No specific call on the stock |
| Under Review (UR) | $:$ |
|  | Rating likely to change shortly |

## ANALYST CERTIFICATION

## (Indian Clients)

We/l, Mr. Amnish Aggarwal- MBA, CFA, Ms. Nishita Doshi- CA, B.Com Research Analysts, authors and the names subscribed to this report, hereby certify that all of the views expressed in this research report accurately reflect our views about the subject issuer(s) or securities. We also certify that no part of our compensation was, is, or will be directly or indirectly related to the specific recommendation(s) or view(s) in this report.

## (US Clients)

The research analysts, with respect to each issuer and its securities covered by them in this research report, certify that: All of the views expressed in this research report accurately reflect his or her or their personal views about all of the issuers and their securities; and No part of his or her or their compensation was, is or will be directly related to the specific recommendation or views expressed in this research report.

## DISCLAIMER

## Indian Clients

Prabhudas Lilladher Pvt. Ltd, Mumbai, India (hereinafter referred to as "PL") is engaged in the business of Stock Broking, Portfolio Manager, Depository Participant and distribution for third party financial products. PL is a subsidiary of Prabhudas Lilladher Advisory Services Pvt Ltd. which has its various subsidiaries engaged in business of commodity broking, investment banking, financial services (margin funding) and distribution of third party financial/other products, details in respect of which are available at www.plindia.com.
This document has been prepared by the Research Division of PL and is meant for use by the recipient only as information and is not for circulation. This document is not to be reported or copied or made available to others without prior permission of PL. It should not be considered or taken as an offer to sell or a solicitation to buy or sell any security.
The information contained in this report has been obtained from sources that are considered to be reliable. However, PL has not independently verified the accuracy or completeness of the same. Neither PL nor any of its affiliates, its directors or its employees accepts any responsibility of whatsoever nature for the information, statements and opinion given, made available or expressed herein or for any omission therein.
Recipients of this report should be aware that past performance is not necessarily a guide to future performance and value of investments can go down as well. The suitability or otherwise of any investments will depend upon the recipient's particular circumstances and, in case of doubt, advice should be sought from an independent expert/advisor.

Either PL or its affiliates or its directors or its employees or its representatives or its clients or their relatives may have position(s), make market, act as principal or engage in transactions of securities of companies referred to in this report and they may have used the research material prior to publication.

PL may from time to time solicit or perform investment banking or other services for any company mentioned in this document.
PL is in the process of applying for certificate of registration as Research Analyst under Securities and Exchange Board of India (Research Analysts) Regulations, 2014
PL submits that no material disciplinary action has been taken on us by any Regulatory Authority impacting Equity Research Analysis activities.
PL or its research analysts or its associates or his relatives do not have any financial interest in the subject company.
PL or its research analysts or its associates or his relatives do not have actual/beneficial ownership of one per cent or more securities of the subject company at the end of the month immediately preceding the date of publication of the research report.
PL or its research analysts or its associates or his relatives do not have any material conflict of interest at the time of publication of the research report.
PL or its associates might have received compensation from the subject company in the past twelve months.
PL or its associates might have managed or co-managed public offering of securities for the subject company in the past twelve months or mandated by the subject company for any other assignment in the past twelve months.
PL or its associates might have received any compensation for investment banking or merchant banking or brokerage services from the subject company in the past twelve months.
PL or its associates might have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past twelve months
PL or its associates might have received any compensation or other benefits from the subject company or third party in connection with the research report.
PL encourages independence in research report preparation and strives to minimize conflict in preparation of research report. PL or its analysts did not receive any compensation or other benefits from the subject Company or third party in connection with the preparation of the research report. PL or its Research Analysts do not have any material conflict of interest at the time of publication of this report.
It is confirmed that Mr. Amnish Aggarwal- MBA, CFA, Ms. Nishita Doshi- CA, B.Com Research Analysts of this report have not received any compensation from the companies mentioned in the report in the preceding twelve months
Compensation of our Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions.
The Research analysts for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the subject company or companies and its or their securities, and no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this report.

The research analysts for this report has not served as an officer, director or employee of the subject company PL or its research analysts have not engaged in market making activity for the subject company

Our sales people, traders, and other professionals or affiliates may provide oral or written market commentary or trading strategies to our clients that reflect opinions that are contrary to the opinions expressed herein, and our proprietary trading and investing businesses may make investment decisions that are inconsistent with the recommendations expressed herein. In reviewing these materials, you should be aware that any or all o the foregoing, among other things, may give rise to real or potential conflicts of interest.

PL and its associates, their directors and employees may (a) from time to time, have a long or short position in, and buy or sell the securities of the subject company or (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 subject company or act as an advisor or lender/borrower to the subject company or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions.

## US Clients

This research report is a product of Prabhudas Lilladher Pvt. Ltd., which is the employer of the research analyst(s) who has prepared the research report. The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and are not associated persons of any U.S. regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of FINRA or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account.
This report is intended for distribution by Prabhudas Lilladher Pvt. Ltd. only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by U.S. Securities and Exchange Commission (SEC) in reliance on Rule 15a 6(a)(2). If the recipient of this report is not a Major Institutional Investor as specified above, then it should not act upon this report and return the same to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any U.S. person, which is not the Major Institutional Investor.

In reliance on the exemption from registration provided by Rule 15a-6 of the Exchange Act and interpretations thereof by the SEC in order to conduct certain business with Major Institutional Investors, Prabhudas Lilladher Pvt. Ltd. has entered into an agreement with a U.S. registered broker-dealer, Marco Polo Securities Inc. ("Marco Polo").
Transactions in securities discussed in this research report should be effected through Marco Polo or another U.S. registered broker dealer
Prabhudas Lilladher Pvt. Ltd.
3rd Floor, Sadhana House, 570, P. B. Marg, Worli, Mumbai-400 018, India | Tel: (91 22) 66322222 Fax: (91 22) 66322209 www.plindia.com | Bloomberg Research Page: PRLD <GO> R


[^0]:    Source: Company Data, PL Research

