

INSTITUTIONAL RESEARCH

# **Alembic Pharma**

**INDUSTRY** 

## **NEUTRAL**

**PHARMA** 

# **Unappealing**, ex-US

We maintain NEUTRAL on ALPM following a miss on our revenue estimates, while profitability was higher than expectation. Growth across segments was muted, barring the US. Our TP is unchanged at Rs 570 (18x FY21E EPS).

#### **HIGHLIGHTS OF THE QUARTER**

- Healthy revenue growth of 10% YoY was solely driven by the US biz. Excluding this, rev declined 5% YoY.
- The domestic biz at Rs 3.24bn declined 2% YoY despite 5-6% price hikes, reflecting heavy volume de-growth of ~8% YoY. This was impacted by a slowdown in volumes for the specialty biz, delay in monsoon affecting the acute portfolio (35% of rev), and changes in trade practices. The co has 3,900 MRs and 1,000 supervisors for the domestic biz, which will drive growth in the specialty portfolio over FY19-21E, along with an improvement in the overall market. Expect 11% CAGR.
- At US\$ 47mn, US jumped 53/15% YoY/QoQ, aided by certain short-term opportunities as well as continued shortage in Sartans. The co filed 4 ANDAs, received 9 approvals, and launched 3 products in the US during 1QFY20. While onco oral solid filings have begun, onco injectables and ophthalmics will be filed in 2HFY20/1HFY21. Hence, lucrative launches will be

- back-ended (FY22E), leaving US growth muted at 12% CAGR over FY19-21E despite ~20 new launches in FY20.
- ROW sales declined 14% YoY due to weaker EU sales impacted by serialization. API reported a de-growth of 25% QoQ due to lower volumes.
- EBITDA at Rs 2.25bn, up 49/26% YoY/QoQ was aided by the strong US performance. Margin at 23.7% expanded 620/450bps YoY/QoQ. However, with the commissioning of new facilities in FY20, incremental depreciation and opex write-off will stress margins.
- Near-term outlook: Expect the stock to remain range bound.

#### **STANCE**

1QFY20's sharp improvement in operating performance was driven by short-term opportunities in the US, which will not persist. Sustainable growth relies upon approvals for lucrative onco-injectables and derma products, which will reflect in revenues only by FY22E. Meanwhile in India, the co is consistently underperforming the broader market. Hence, we lack visibility on revenue growth above 13% CAGR over FY19-21E. Additionally, incremental stress on margins (-100bps over FY19-21E) will restrict PAT CAGR to 11%. Valuations, too, remain unsupportive at 21.1/16.8x FY20/21E P/E.

### **Financial Summary (Consolidated)**

(Rs bn)	1QFY20	1QFY19	YoY (%)	4QFY19	QoQ (%)	FY18	FY19	FY20E	FY21E
Net Sales	9.49	8.63	10.0	9.27	2.4	31.31	39.35	43.58	50.63
EBITDA	2.25	1.51	49.0	1.78	26.3	6.43	8.74	8.67	10.72
APAT	1.49	0.90	64.6	1.24	20.1	4.13	4.86	4.74	5.95
Diluted EPS (Rs)	7.9	4.8	64.6	6.6	20.1	21.9	25.8	25.1	31.6
P/E (x)						24.2	20.5	21.1	16.8
EV/EBITDA (x)						16.5	12.5	12.4	9.8
RoE (%)						20.0	19.7	16.4	18.1

Source: Company, HDFC sec Inst Research

CMP (as on 29	Jul 201	9)	Rs 530
<b>Target Price</b>			Rs 570
Nifty		11,189	
Sensex		37,686	
KEY STOCK DAT	Α		
Bloomberg	,	ALPM IN	
No. of Shares (m	nn)		189
MCap (Rs bn) / (	(\$ mn)	10	0/1,453
6m avg traded v	alue (Rs	mn)	27
STOCK PERFORI	MANCE (	%)	_
52 Week high /	low	Rs 6	64/435
	3M	6M	12M
Absolute (%)	(6.6)	(11.4)	(7.1)

# Relative (%) (3.1) (17.2) (8.0) SHAREHOLDING PATTERN (%)

	Dec-18	Mar-19
Promoters	72.97	72.97
FIs & Local MFs	5.48	5.41
FPIs	9.50	9.56
Public & Others	12.05	12.06
Pledged Shares	-	-

### **Amey Chalke**

Source: BSE

amey.chalke@hdfcsec.com +91-22-6171-7321

### **Eshan Desai**

eshan.desai@hdfcsec.com +91-22-6639-2476



Top-line growth was driven by a 53% YoY jump in US revenues, while other segments saw de-growth YoY

R&D expenses were higher at Rs 1.4bn

Capitalized opex for the new facilities amounts to ~Rs 650mn. Adjusted for this, underlying margins are at ~17%

With multiple new facilities to be commissioned over FY20-21E, depreciation and opex will increase substantially

EO item pertains to impairment of investment in an Algerian JV due to re-evaluation of the investment post breakout of a fire in the facility

**Quarterly Financials Snapshot (Consolidated)** 

Particulars (Rs mn)	1QFY20	1QFY19	YoY (%)	4QFY19	QoQ (%)
Net Sales	9,489	8,625	10.0	9,270	2.4
Material Expenses	2,044	2,554	(20.0)	2,167	(5.7)
Employee Expenses	2,149	1,649	30.3	2,007	7.0
R&D Expenses	1,400	1,220	14.8	1,191	17.6
Other Expenses	1,647	1,692	(2.6)	2,124	(22.4)
EBITDA	2,249	1,510	49.0	1,780	26.3
Depreciation	354	276		300	
EBIT	1,895	1,234	53.6	1,481	28.0
Other Income	33	1		34	
Interest Cost	50	16		51	
EO Items	(328)	-		-	
PBT	1,550	1,219	27.2	1,464	5.9
Tax	360	315		149	
Minority Interest	(47)	(1)		75	
RPAT	1,237	905	36.8	1,240	(0.2)
EO Items (Adj For Tax)	(252)	-			
APAT	1,489	905	64.6	1,240	20.1

Source: Company, HDFC sec Inst Research

## **Margin Analysis**

	1QFY20	1QFY19	YoY (bps)	4QFY19	QoQ (bps)
Material Expenses % Net Sales	21.5	29.6	(807)	23.4	(184)
Employee Expenses % Net Sales	22.6	19.1	352	21.7	99
R&D Expenses % Net Sales	14.8	14.1	61	12.8	191
Other Expenses % Net Sales	17.4	19.6	(225)	22.9	(555)
EBITDA Margin (%)	23.7	17.5	620	19.2	449
Tax Rate (%)	23.2	25.9	(267)	10.2	1,302
APAT Margin (%)	15.7	10.5	521	13.4	231



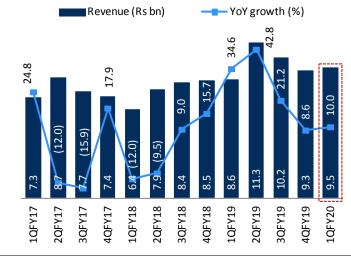
The key highlight this quarter was a sharp growth (53% YoY) in the US biz, which reported revenues of US\$

Domestic biz de-growth of 2% YoY was disappointing as the co also took price hikes of ~6% YoY, while acute portfolio accounts for only 35% of rev

Key markets in the international generics biz (ex-US) include EU, Canada, Australia, Brazil, S Africa

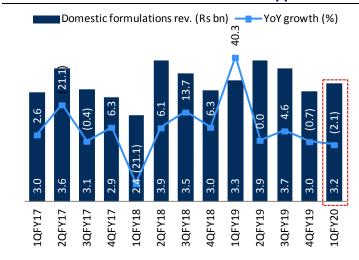
EBITDA margin expanded with a sharp improvement of 807bps YoY in gross margin

#### **Revenue: Growth Driven By US Biz**



Source: Company, HDFC sec Inst Research

### **Domestic Biz: Growth Continues To Disappoint**



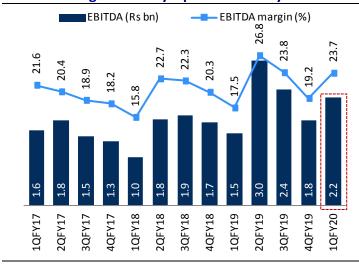
Source: Company, HDFC sec Inst Research

## **International Biz: Up 620bps YoY**



Source: Company, HDFC sec Inst Research

## **EBITDA Margin: Healthy Uptick Driven By US**





Domestic biz is expected to improve in the coming quarters. The specialty portfolio is subdued due to a general slowdown which has led to volume decline

The co has 3,900 MRs for the domestic biz

Ex-US, the international biz de-grew 14% YoY to Rs 1.08bn for the quarter, impacted by serialization in EU

We believe the US growth will remain a challenge till FY22E due to back-ended approvals (FY21E-end) for lucrative products like oncoinjectables and ophthalmics

API sales declined 25% QoQ due to higher sartan API sales in 4QFY19

## **Segmental Quarterly Performance**

(Rs mn)	1QFY20	1QFY19	YoY (%)	4QFY19	QoQ (%)
Domestic formulations	3,240	3,310	(2.1)	3,020	7.3
International Business	4,530	3,520	28.7	3,950	14.7
APIs	1,720	1,800	(4.4)	2,300	(25.2)
Total	9,490	8,630	10.0	9,270	2.4

Source: HDFC sec Inst Research

### **Assumptions**

Key segments (Rs mn)	FY17	FY18	FY19	FY20E	FY21E
Domestic formulations	12,550	12,740	13,820	15,547	17,099
Growth (%)	5.7	1.5	8.5	12.5	10.0
International Business	12,360	12,060	17,820	19,175	23,678
Growth (%)	(15.6)	(2.4)	47.8	7.6	23.5
API Business	6,400	6,510	7,710	8,855	9,855
Growth (%)	21.1	1.7	18.4	14.9	11.3
Total	31,310	31,310	39,350	43,577	50,632
Growth (%)	(1.5)	-	25.7	10.7	16.2

Source: HDFC sec Inst Research



## **Peer Set Comparison**

	Мсар	СМР	Dana	TD/EV		Adj EPS	(Rs/sh)			P/E	(x)			RoE	(%)	
	(Rs bn)	(Rs/sh)	Reco	TP/FV	FY18	FY19	FY20E	FY21E	FY18	FY19	FY20E	FY21E	FY18	FY19	FY20E	FY21E
Sun Pharma	1,034	431	BUY	540	12.7	14.9	18.0	24.6	34.0	29.0	24.0	17.6	8.2	9.0	10.0	12.4
Dr Reddy's Labs	441	2,654	BUY	3,360	59.2	104.9	128.4	148.8	44.8	25.3	20.7	17.8	7.8	13.1	14.3	14.5
Divi's Labs	439	1,653	SELL	1,445	32.4	48.8	56.7	65.6	51.1	33.9	29.2	25.2	15.2	20.1	20.4	20.8
Cipla	421	522	BUY	625	18.5	19.0	20.7	28.4	28.2	27.4	25.2	18.4	11.2	10.5	10.6	12.9
Lupin	345	762	BUY	910	38.1	16.4	41.2	41.3	20.0	46.4	18.5	18.4	12.8	5.4	12.8	11.7
Aurobindo Pharma	323	551	BUY	790	41.7	42.9	48.8	52.8	13.2	12.8	11.3	10.4	23.2	19.7	18.8	17.1
Torrent Pharma	279	1,651	NEU	1,615	37.0	40.1	52.5	67.3	44.6	41.2	31.4	24.5	14.0	14.5	17.6	19.5
Cadila Healthcare	232	227	BUY	280	12.7	11.1	12.0	15.7	17.9	20.4	19.0	14.5	16.5	11.9	11.2	13.2
Alkem Laboratories	214	1,790	BUY	2,225	57.6	64.7	78.7	101.0	31.1	27.7	22.8	17.7	14.8	15.0	16.3	18.4
Abbott India	179	8,412	NR	8,990	188.8	211.9	248.6	299.6	44.6	39.7	33.8	28.1	26.1	24.3	24.1	24.5
Glenmark	119	422	BUY	565	17.5	27.4	29.6	35.4	24.2	15.4	14.3	11.9	9.4	13.3	13.1	13.9
Alembic Pharma	100	530	NEU	570	21.9	25.8	25.1	31.6	24.2	20.6	21.1	16.8	20.0	19.7	16.4	18.1
Jubilant Life Sciences	70	438	BUY	845	45.5	53.8	54.1	67.2	9.6	8.1	8.1	6.5	19.3	19.3	16.6	17.7
Laurus Labs	36	340	BUY	515	15.8	10.7	16.0	28.6	21.5	31.8	21.2	11.9	11.9	6.2	10.2	16.4
Dishman Carbogen Amcis	34	214	BUY	375	13.2	16.7	19.6	24.9	16.1	12.8	10.9	8.6	14.6	15.4	15.1	16.4
Strides Pharma	32	353	BUY	650	13.2	6.9	31.2	42.2	26.8	51.3	11.3	8.4	2.9	2.3	10.1	12.5
J B Chemicals & Pharmaceuticals	30	373	NR	485	16.6	24.1	28.8	34.6	22.5	15.4	12.9	10.8	9.9	13.3	14.7	15.6
Suven Life Sciences	30	234	NR	455	9.7	6.8	9.1	10.7	24.1	34.3	25.8	21.8	17.2	10.9	13.2	13.9
Granules India	23	91	BUY	170	5.2	9.3	11.4	13.9	17.5	9.8	8.0	6.5	12.0	16.7	17.5	18.5
Solara Active Pharma Science	9	347	NR	650	2.4	26.0	26.9	43.1	143.4	13.3	12.9	8.0	2.9	13.4	10.9	12.6
Neuland Labs	6	500	BUY	920	10.8	12.8	32.1	65.8	46.3	39.0	15.6	7.6	2.2	2.6	5.7	10.9

Source: HDFC sec Inst Research

**Change In Estimates (Consolidated)** 

(Rs mn)	Previous			New			% Chg		
	FY19	FY20E	FY21E	FY19	FY20E	FY21E	FY19	FY20E	FY21E
Net Sales	39,347	43,577	50,632	39,347	43,577	50,632	0.0	0.0	0.0
EBITDA	8,736	8,672	10,716	8,736	8,672	10,716	0.0	0.0	0.0
APAT	4,864	4,740	5,951	4,864	4,740	5,951	0.0	0.0	0.0

Source: HDFC sec Inst Research



#### INSTITUTIONAL RESEARCH

# **Income Statement (Consolidated)**

Year ending March (Rs mn)	FY17	FY18	FY19	FY20E	FY21E
Net Revenues	31,346	31,308	39,347	43,577	50,632
Growth (%)	0.4	(0.1)	25.7	10.8	16.2
Material Expenses	8,581	8,856	9,927	11,330	12,658
Employee Expenses	5,588	6,228	7,467	8,280	9,367
SG&A Expenses	6,760	5,683	8,236	9,413	11,309
R&D Expenses	4,270	4,110	4,982	5,883	6,582
EBITDA	6,147	6,431	8,736	8,672	10,716
EBITDA Margin (%)	19.6	20.5	22.2	19.9	21.2
EBITDA Growth (%)	(38.9)	4.6	35.8	(0.7)	23.6
Depreciation	830	1,055	1,152	1,700	2,200
EBIT	5,318	5,376	7,584	6,972	8,516
Other Income (Including EO	25	70	94	100	105
Items)					
Interest	51	34	184	685	618
PBT	5,291	5,413	7,493	6,387	8,003
Tax (Incl Deferred)	1,222	1,204	1,568	1,597	2,001
Minority Interest	(37)	(83)	(82)	(50)	(51)
RPAT	4,032	4,126	5,844	4,740	5,951
EO (Loss) / Profit (Net Of Tax)	-	-	980	-	-
APAT	4,032	4,126	4,864	4,740	5,951
APAT Growth (%)	28.3	2.3	17.9	(2.5)	25.6
Adjusted EPS (Rs)	21.4	21.9	25.8	25.1	31.6

Source: Company, HDFC sec Inst Research

# **Balance Sheet (Consolidated)**

As at March (Rs mn)	FY17	FY18	FY19	FY20E	FY21E
SOURCES OF FUNDS					
Share Capital - Equity	377	377	377	377	377
Reserves	18,634	21,824	26,811	30,194	34,788
<b>Total Shareholders Funds</b>	19,011	22,201	27,188	30,571	35,165
Minority Interest	1	3	(8)	1	1
Long Term Debt	-	5,000	4,993	4,493	3,993
Short Term Debt	802	2,078	6,291	6,291	5,541
Total Debt	802	7,078	11,284	10,784	9,534
Net Deferred Taxes	369	354	188	369	370
Other Non-current Liabilities & Provns	698	408	520	624	749
TOTAL SOURCES OF FUNDS	20,882	30,044	39,173	42,350	45,820
APPLICATION OF FUNDS					
Net Block	7,994	9,934	11,584	20,384	25,184
CWIP	4,660	10,551	15,661	8,500	4,500
Investments	502	416	488	488	488
Other Non-current Assets	501	262	467	514	566
<b>Total Non-current Assets</b>	13,656	21,163	28,200	29,886	30,738
Cash & Equivalents	1,596	899	2,056	3,387	4,260
Inventories	6,328	7,339	9,673	9,933	10,404
Debtors	3,375	5,263	4,889	6,566	8,323
Other Current Assets	1,912	4,746	2,960	3,050	3,544
<b>Total Current Assets</b>	11,615	17,348	17,521	19,550	22,271
Creditors	5,232	7,593	7,023	8,692	9,363
Other Current Liabilities & Provns	753	1,773	1,582	1,782	2,085
<b>Total Current Liabilities</b>	5,985	9,366	8,605	10,473	11,449
Net Current Assets	5,629	7,982	8,916	9,077	10,822
TOTAL APPLICATION OF FUNDS	20,882	30,044	39,172	42,350	45,820



# **Cash Flow (Consolidated)**

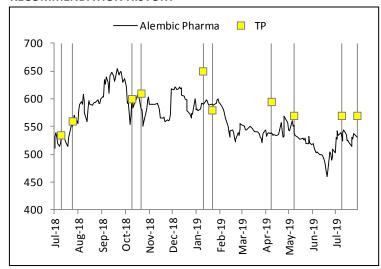
Year ending March (Rs mn)	FY17	FY18	FY19	FY20E	FY21E
Reported PBT	5,291	5,413	7,493	6,387	8,003
Non-operating & EO items	(39)	(204)	-	-	-
Interest expenses	40	20	90	585	513
Depreciation	830	1,055	1,152	1,700	2,200
Working Capital Change	(1,656)	(1,809)	(1,027)	(103)	(1,672)
Tax Paid	(1,180)	(1,351)	(1,734)	(1,415)	(2,000)
OPERATING CASH FLOW (a)	3,286	3,124	5,975	7,153	7,044
Capex	(4,907)	(8,074)	(7,911)	(3,339)	(3,000)
Free cash flow (FCF)	(1,622)	(4,949)	(1,936)	3,814	4,044
Non-operating Income	12	(770)	94	100	105
INVESTING CASH FLOW ( b )	(4,859)	(8,844)	(7,888)	(3,239)	(2,895)
Debt Issuance/(Repaid)	(386)	6,191	4,207	(500)	(1,250)
Interest Expenses	(52)	(260)	(184)	(685)	(618)
FCFE	(2,059)	981	2,086	2,629	2,176
Share Capital Issuance	-	-	-	-	-
Dividend	(901)	(908)	(1,244)	(1,357)	(1,357)
Others	(50)	(4)	52	41	51
FINANCING CASH FLOW ( c )	(1,289)	5,026	2,726	(2,583)	(3,276)
NET CASH FLOW (a+b+c)	(2,862)	(693)	813	1,331	872
EO Items, Others	65	(3)	346	-	
Closing Cash & Equivalents	1,596	899	2,058	3,387	4,260

Source: Company, HDFC sec Inst Research

## **Key Ratios**

key katios					
	FY17	FY18	FY19	FY20E	FY21E
PROFITABILITY (%)					
GPM	72.6	71.7	74.8	74.0	75.0
EBITDA Margin	19.6	20.5	22.2	19.9	21.2
APAT Margin	12.9	13.2	12.4	10.9	11.8
RoE	23.0	20.0	19.7	16.4	18.1
RoIC (or Core RoCE)	26.5	17.9	18.6	14.1	16.3
RoCE	21.0	16.3	14.5	12.9	14.6
EFFICIENCY					
Tax Rate (%)	23.1	22.2	20.9	25.0	25.0
Fixed Asset Turnover (x)	2.5	2.5	2.6	1.7	1.5
Inventory (days)	73.7	85.6	89.7	83.2	75.0
Debtors (days)	39.3	61.4	45.4	55.0	60.0
Other Current Assets (days)	22.3	55.3	27.5	25.6	25.6
Payables (days)	60.9	88.5	65.2	72.8	67.5
Other Current Liab & Provns (days)	8.8	20.7	14.7	14.9	15.0
Cash Conversion Cycle (days)	65.5	93.1	82.7	76.0	78.0
Debt/EBITDA (x)	0.1	1.1	1.3	1.2	0.9
Net D/E (x)	(0.0)	0.3	0.3	0.2	0.2
Interest Coverage (x)	103.9	158.1	41.2	10.2	13.8
PER SHARE DATA (Rs)					
EPS	21.4	21.9	25.8	25.1	31.6
Dividend	4.0	4.0	5.5	6.0	6.0
Book Value	100.9	117.8	144.2	162.2	186.5
VALUATION					
P/E (x)	24.8	24.2	20.5	21.1	16.8
P/BV (x)	5.3	4.5	3.7	3.3	2.8
EV/EBITDA (x)	16.1	16.5	12.5	12.4	9.8
EV/Revenues (x)	3.2	3.4	2.8	2.5	2.1
OCF/EV (%)	3.3	2.9	5.5	6.7	6.7
FCF/EV (%)	(1.6)	(4.7)	(1.8)	3.6	3.8
FCFE/Mkt Cap (%)	(2.1)	1.0	2.1	2.6	2.2
Dividend Yield (%)	0.8	0.8	1.0	1.1	1.1
Source: Company HDEC see Inst Becearch					

#### RECOMMENDATION HISTORY



Date	CMP	Reco	Target
10-Jul-18	514	NEU	535
27-Jul-18	568	NEU	560
10-Oct-18	554	NEU	600
23-Oct-18	580	NEU	610
10-Jan-19	594	NEU	650
23-Jan-19	590	NEU	580
9-Apr-19	539	NEU	595
9-May-19	551	NEU	570
9-Jul-19	526	NEU	570
30-Jul-19	530	NEU	570

#### **Rating Definitions**

BUY : Where the stock is expected to deliver more than 10% returns over the next 12 month period NEUTRAL : Where the stock is expected to deliver (-)10% to 10% returns over the next 12 month period : Where the stock is expected to deliver less than (-)10% returns over the next 12 month period

# HDFC securities Institutional Equities

Unit No. 1602, 16th Floor, Tower A, Peninsula Business Park,

SenapatiBapatMarg, Lower Parel, Mumbai - 400 013

Board: +91-22-6171-7330 www.hdfcsec.com



#### INSTITUTIONAL RESEARCH

#### Disclosure:

We, Amey Chalke, MBA, Eshan Desai, MBA, 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. HSL has no material adverse disciplinary history as on the date of publication of this report. 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.

Research Analyst or his/her relative or HDFC Securities Ltd. does not have any financial interest in the subject company. Also Research Analyst or his relative or HDFC Securities Ltd. or its Associate may have beneficial ownership of 1% or more in the subject company at the end of the month immediately preceding the date of publication of the Research Report. Further Research Analyst or his relative or HDFC Securities Ltd. or its associate **does not have** any material conflict of interest.

#### Any holding in stock -No

HDFC Securities Limited (HSL) is a SEBI Registered Research Analyst having registration no. INH000002475.

#### Disclaimer:

This report has been prepared by HDFC Securities Ltd and is solely for information of the recipient only. The report must not be used as a singular basis of any investment decision. The views herein are of a general nature and do not consider the risk appetite or the particular circumstances of an individual investor; readers are requested to take professional advice before investing. Nothing in this document should be construed as investment advice. Each recipient of this document should make such investigations as they deem necessary to arrive at an independent evaluation of an investment in securities of the companies referred to in this document (including merits and risks) and should consult their own advisors to determine merits and risks of such investment. The information and opinions contained herein have been compiled or arrived at, based upon information obtained in good faith from 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. Descriptions of any company or companies or their securities mentioned herein are not intended to be complete. HSL is not obliged to update this report for such changes. HSL has the right to make changes and modifications at any time.

This report is not directed to, or intended for display, downloading, printing, reproducing or for distribution to or use by, any person or entity who is a citizen or resident or located in any locality, state, country or other jurisdiction where such distribution, publication, reproduction, availability or use would be contrary to law or regulation or what would subject HSL or its affiliates to any registration or licensing requirement within such jurisdiction.

If this report is inadvertently sent or has reached any person in such country, especially, United States of America, the same should be ignored and brought to the attention of the sender. This document may not be reproduced, distributed or published in whole or in part, directly or indirectly, for any purposes or in any manner.

Foreign currencies denominated securities, wherever mentioned, are subject to exchange rate fluctuations, which could have an adverse effect on their value or price, or the income derived from them. In addition, investors in securities such as ADRs, the values of which are influenced by foreign currencies effectively assume currency risk. It should not be considered to be taken as an offer to sell or a solicitation to buy any

This document is not, and should not, be construed as an offer or solicitation of an offer, to buy or sell any securities or other financial instruments. This report should not be construed as an invitation or solicitation to do business with HSL. HSL may from time to time solicit from, or perform broking, or other services for, any company mentioned in this mail and/or its attachments.

HSL and its affiliated company(ies), 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 company(ies) mentioned herein 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 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.

HSL, its directors, analysts or employees do not take any responsibility, financial or otherwise, of the losses or the damages sustained due to the investments made or any action taken on basis of this report, including but not restricted to, fluctuation in the prices of shares and bonds, changes in the currency rates, diminution in the NAVs, reduction in the dividend or income, etc.

HSL and other group companies, its directors, associates, employees may have various positions in any of the stocks, securities and financial instruments dealt in the report, or may make sell or purchase or other deals in these securities from time to time or may deal in other securities of the companies / organizations described in this report.

HSL or its associates might have managed or co-managed public offering of securities for the subject company or might have been mandated by the subject company for any other assignment in the past twelve months.

HSL or its associates might have received any compensation from the companies mentioned in the report during the period preceding twelve months from t date of this report for services in respect of managing or co-managing public offerings, corporate finance, investment banking or merchant banking, brokerage services or other advisory service in a merger or specific transaction in the normal course of business.

HSL or its analysts did not receive any compensation or other benefits from the companies mentioned in the report or third party in connection with preparation of the research report. Accordingly, neither HSL nor Research Analysts have any material conflict of interest at the time of publication of this report. Compensation of our Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions. HSL may have issued other reports that are inconsistent with and reach different conclusion from the information presented in this report.

Research entity has not been engaged in market making activity for the subject company. Research analyst has not served as an officer, director or employee of the subject company. We have not received any compensation/benefits from the subject company or third party in connection with the Research Report.

HDFC securities Limited, I Think Techno Campus, Building - B, "Alpha", Office Floor 8, Near Kanjurmarg Station, Opp. Crompton Greaves, Kanjurmarg (East), Mumbai 400 042 Phone: (022) 3075 3400 Fax: (022)

Compliance Officer: Binkle R. Oza Email: complianceofficer@hdfcsec.com Phone: (022) 3045 3600

HDFC Securities Limited, SEBI Reg. No.: NSE, BSE, MSEI, MCX: INZ000186937; AMFI Reg. No. ARN: 13549; PFRDA Reg. No. POP: 11092018; IRDA Corporate Agent License No.: CA0062; SEBI Research Analyst Reg. No.: INH000002475: SEBI Investment Adviser Reg. No.: INA000011538: CIN - U67120MH2000PLC152193

Mutual Funds Investments are subject to market risk. Please read the offer and scheme related documents carefully before investing.