

## **Sun Pharma**

**BSE SENSEX S&P CNX** 38,390 11,589

CMP: INR664 TP: INR790 (+19%)

## Buy



#### **Stock Info**

Bloomberg	SUNP IN
Equity Shares (m)	2,399
M.Cap.(INRb)/(USDb)	1593.6 / 22.2
52-Week Range (INR)	679 / 435
1, 6, 12 Rel. Per (%)	15/16/17
12M Avg Val (INR M)	3363
Free float (%)	45.6

#### Financials Snapshot (INR b)

Y/E Mar	2018	<b>2019E</b>	2020E
Net Sales	260.7	311.7	361.6
EBITDA	51.8	68.6	92.2
PAT	32.4	44.8	63.3
EPS (INR)	13.5	18.6	26.3
Gr. (%)	-48.5	38.6	41.2
BV/Sh (INR)	158.4	170.0	189.3
RoE (%)	8.7	11.4	14.6
RoCE (%)	8.1	11.3	15.0
P/E (x)	49.4	35.6	25.2
P/BV (x)	4.2	3.9	3.5

### Shareholding pattern (%)

54.4	54.4	54.4
16.6	16.2	12.9
16.4	16.3	19.7
12.6	13.1	13.0
	16.6 16.4	16.6 16.2 16.4 16.3

# FII Includes depository receipts



## Recent Halol 483 - Not a show stopper

- US FDA recently conducted an inspection at SUNP's Halol plant from 27-31 August and issued Form-483 with six observations.
- We believe the observations are resolvable and should not impact existing business and/or new approvals, pertaining to SUNP.
- We raise EPS estimate by 1%/3% for FY19/FY20 to factor in the favorable currency movement.
- We expect a premium for SUNP to further expand from 25% to 35%, compared to an industry average of 20x 12M Forward Earnings on the back of increasing share of specialty portfolio. SUNP is the only Indian-listed entity, which is progressing well in the specialty portfolio. We believe, the incremental generics business from new launches should be higher than base business erosion, and sustained outperformance in the domestic formulation business should also support multiple re-rating.
- Accordingly, we raise our P/E multiple to 27x (from 25x earlier) and revise our price target to INR790 (from INR700 earlier); reiterate a Buy.
- Observations largely procedural in nature: The US FDA issued Form-483 with six observations, with respect to the recent US FDA inspection conducted during 27-31 August 2018. There are three observations related to laboratory systems, one related to production system and two related to quality system. The observations at the laboratory system are towards test procedures designed to assure appropriate standards of identity/quality/strength/purity, procedures to prevent objectionable micro-organisms in drug products that are not required to be sterile and non-inclusion of sample size (based on statistical criteria) in written stability program. The observation at the production systems are related to line clearances required during intervention activities performed by production operators. The observation at quality systems are towards written procedures for cleaning/maintenance of equipment and procedures for batch trending of critical alarms raised during production activities. We expect this observation to be non-critical and to warrant stoppage of existing production or new approvals.
- Second consecutive inspection within six months: This is the second inspection by the US FDA within a short span of six months at the Halol facility. Also, given the facility size, this inspection would be the shortest in terms of the number of days. Post clearance, the company received its first approval from the plant in five years. Halol is an important facility for SUNP as it would provide visibility regarding key approvals including Xelpros, Elepsia, Vagifem, etc. We expect incremental sales of ~USD100-150m from this facility on annualised basis.

Kumar Saurabh – Research analyst (Kumar.Saurabh@MotilalOswal.com);+91 22 6129 1519

Motilal Oswal

- Well-placed to deliver growth in the US market: SUNP has a portfolio of 10 specialty products, a few are already commercialized. In 1QFY19, it launched Yoansa. The company has also received an approval for Cequa, expected to be launched in the coming quarters and Ilumya, to be launched in 2QFY19. Although, the generic market in the US is expected to remain under pressure, we expect SUNP's growth in the US to be higher than the base-business erosion on the back of new launches, in both generics and in the specialty products category.
- Valuation and view: We raise EPS estimates by 1%/3% for FY19/FY20 to factor in the favorable currency movement. We also raise our P/E multiple to 27x from 25x 12M Forward Earnings as we expect a premium to industry average for SUNP to expand. Incremental generics business from new launches, which should be higher than base business erosion, increased traction in specialty products and sustained outperformance in the domestic formulation business should drive growth. Accordingly, we revise our target price to INR790 (from INR700 earlier).

**Exhibit 1: Key specialty products for Sun Pharma** 

Products	Status	Expected Sales (USD m)
MK-3222	-Post successful result of Phase 3 results, US FDA has accepted SUNP filing. It is expected to be launched	100
Tildrakizumab	in early 2QFY19	
Cequa (OTX-101)	Dec end US FDA announced acceptance of Cequa filing and approved in Aug-18. It is expected to be	60-70
	launched in coming quarters	
Odomzo	Already launched	40-50
Bromsite	Already launched	50

Source: Company, MOSL

**Exhibit 2: Key products from Halol facility** 

<b>Generic Produ</b>	cts Products filed from Halol facility	Expected Sales (USD m)
Focalin XR	Market size of ~USD100 with 4 players	15
Ganirelix	Market size of USD60-70m with no generic player	20
Lupron	Market Size of USD100m	20-22
Vagifem	Market size of ~350m with 4 players	35
Protonix IV	Market size of ~USD100 with 4 players	20
Invega	Market size of USD250m with 3 players	20-22
Makena	Market size of USD200m with 3 players	20-22
Specialty Prod	ucts	
Elepsia	Launch expected in end FY19/early FY20	20-25
Xelpros	Launch expected in FY19	20-25

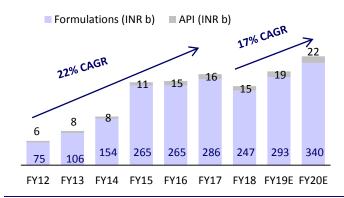
Source: Company, MOSL

7 September 2018

MOTILAL OSWAL Sun Pharma

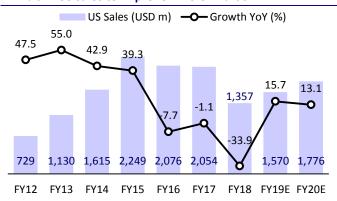
## **Story in charts**

Exhibit 3: Revenues to grow at ~17% CAGR from FY18-20E



Source: Company, MOSL

Exhibit 4: US sales to improve FY19 onwards



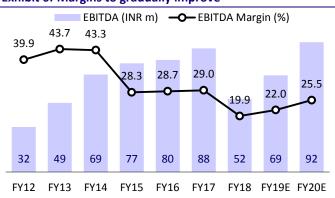
Source: Company, MOSL

Exhibit 5: India biz to grow at 13% CAGR from FY18-20E



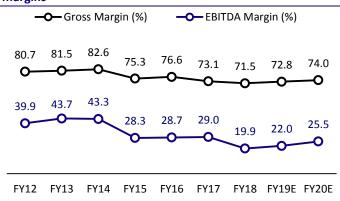
Source: Company, MOSL

**Exhibit 6: Margins to gradually improve** 



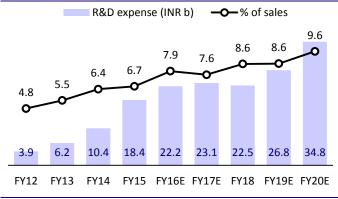
Source: Company, MOSL

Exhibit 7: EBITDA to improve with an increase in gross margins



Source: Company, MOSL

Exhibit 8: R&D expenses to increase going forward



Source: Company, MOSL

7 September 2018 3

MOTILAL OSWAL Sun Pharma

## **Financials and Valuations**

Y/E March	2014	2015	2016	2017	2018	2019E	2020E
Net Sales	160,044	272,865	277,442	302,642	260,659	311,739	361,608
Total Expenditure	90,787	195,667	197,881	214,892	208,813	243,107	269,384
% of Sales	56.7	71.7	71.3	71.0	80.1	78.0	74.5
EBITDA (INR b)	69,257	77,198	79,561	87,751	51,846	68,632	92,224
Margin (%)	43.3	28.3	28.7	29.0	19.9	22.0	25.5
Depreciation	4,092	11,947	10,135	12,648	14,998	15,000	15,500
EBIT	65,165	65,250	69,426	75,103	36,848	53,632	76,724
Int. and Finance Charges	442	5,790	4,769	3,998	5,176	4,000	3,300
Other Income - Rec.	6,282	6,946	9,848	19,374	12,623	12,000	12,500
Extra-ordinary Exp	25,174	2,378	6,852	0	9,505	0	0
PBT	45,831	64,029	67,653	90,479	34,790	61,632	85,924
Tax	7,022	9,147	9,349	12,116	8,452	10,786	14,607
Tax Rate (%)	15.3	14.3	13.8	13.4	24.3	17.5	17.0
Profit after Tax	38,809	54,882	58,304	78,363	26,338	50,847	71,317
Change (%)	11.9	41.4	6.2	34.4	-66.4	93.1	40.3
Margin (%)	24	20	21	26	10	16	20
Less: Mionrity Interest	7375	9488	11145	8719	4722	6000	8000
Reported PAT	31,434	45,394	47,159	69,644	21,616	44,847	63,317
Adjusted PAT (excl. Ex. Items)	52,813	47,415	47,069	62,890	32,362	44,847	63,317

Balance Sheet						(11	NR Million)
Y/E March	2014	2015	2016	2017	2018	<b>2019E</b>	2020E
Equity Share Capital	2,071	2,406	2,407	2,399	2,399	2,399	2,399
Total Reserves	183,178	253,826	327,418	363,997	378,606	406,610	453,084
Net Worth	185,249	256,232	329,825	366,397	381,006	409,009	455,483
Minority Interest	19,212	28,661	40,853	37,909	38,842	44,842	52,842
Deferred Liabilities	-9110	-17516	-30462	-21780	-19748	-19748	-19748
Total Loans	24,982	77,827	83,164	80,910	97,518	70,035	50,442
Capital Employed	220,333	345,203	423,379	463,435	497,617	504,137	539,018
Gross Block	63,886	130,369	123,033	133,994	155,630	180,630	210,630
Less: Accum. Deprn.	28,904	60,617	47,201	49,041	64,040	79,040	94,540
Net Fixed Assets	34,982	69,752	75,831	84,953	91,590	101,590	116,090
Capital WIP	8,415	20,386	12,035	15,648	14,345	15,779	17,357
Goodwill	33,191	57,073	92,611	104,165	107,243	107,243	107,243
Investments	27,860	27,163	11,161	9,610	30,523	30,523	30,523
Curr. Assets	177,393	297,403	332,175	374,799	377,390	400,635	437,053
Inventory	31,230	56,680	64,225	68,328	68,807	69,385	76,934
Account Receivables	22,004	53,123	67,757	72,026	78,153	53,463	62,188
Cash and Bank Balance	75,902	109,980	131,817	151,408	99,294	146,651	159,876
L & A and Others	48,257	77,619	68,377	83,036	131,136	131,136	138,055
Curr. Liability & Prov.	61,509	126,574	100,434	125,739	123,473	151,632	169,247
Account Payables	15,887	59,198	51,741	73,469	68,332	74,484	82,587
Provisions	45,622	67,376	48,693	52,270	55,141	77,148	86,660
Net Current Assets	115,884	170,828	231,742	249,060	253,916	249,002	267,806
Appl. of Funds	220,333	345,203	423,379	463,435	497,617	504,137	539,018

E: MOSL Estimates

7 September 2018 4

MOTILAL OSWAL

### **Financials and Valuations**

Ratios							
Y/E March	2014	2015	2016	2017	2018	2019E	2020E
Reported EPS	13.1	18.9	19.6	28.9	9.0	18.6	26.3
Adjusted EPS	22.0	19.7	19.6	26.1	13.5	18.6	26.3
Cash EPS	14.8	23.8	23.8	34.2	15.2	24.9	32.8
BV/Share	77.0	106.5	137.1	152.3	158.4	170.0	189.3
DPS	2.6	3.0	1.0	3.5	3.5	6.0	6.0
Payout (%)	18.7	15.4	4.8	12.5	37.3	33.1	23.6
Valuation (x)							
P/E		33.7	33.9	25.4	49.4	35.6	25.2
P/BV		6.2	4.8	4.4	4.2	3.9	3.5
EV/Sales		5.6	5.5	5.0	6.0	4.8	4.0
EV/EBITDA		19.9	19.3	17.2	30.1	21.7	15.8
Dividend Yield (%)		0.5	0.2	0.5	0.5	0.9	0.9
Return Ratios (%)							
RoE	31.5	21.5	16.1	18.1	8.7	11.4	14.6
RoCE	33.4	22.7	18.3	19.0	8.1	11.3	15.0
RoIC	55.5	37.8	26.2	23.4	8.7	13.3	19.8
Working Capital Ratios							
Fixed Asset Turnover (x)	4.8	5.2	3.8	3.8	3.0	3.2	3.3
Debtor (Days)	50	71	89	87	109	63	63
Creditor (Days)	209	321	291	330	336	321	321
Inventory (Days)	71	76	84	82	96	81	78
Leverage Ratio							
Debt/Equity (x)	0.2	0.3	0.3	0.2	0.3	0.2	0.1
Cash Flow Statement						(IN	R Million)
Y/E March	2014	2015	2016	2017	2018	2019E	2020E
OP/(Loss) bef. Tax	44,083	74,820	72,709	87,751	42,341	68,632	92,224
Int./Dividends Recd.	6,282	6,946	9,848	19,374	12,623	12,000	12,500
Direct Taxes Paid	-9,010	-17,553	-22,295	-3,434	-6,420	-10,786	-14,607
(Inc)/Dec in WC	-5,589	-20,865	-39,077	2,274	-56,971	52,271	-5,578
CF from Operations	35,767	43,348	21,185	105,964	-8,427	122,117	84,539
(inc)/Dec in FA	-18,580	-82,570	-43,401	-36,936	-23,411	-26,434	-31,578
Free Cash Flow	17,187	-39,223	-22,216	69,028	-31,838	95,683	52,961
(Pur)/Sale of Invest.	-3,745	697	16,002	1,551	-20,913	0	0

Note: Cash flows do not tally due to acquisition

**CF from investments** 

Change in networth

**CF from Fin. Activity** 

Add: Beginning Balance

(Inc)/Dec in Debt Interest Paid

Dividend Paid

Inc/Dec of Cash

**Closing Balance** 

7 September 2018 5

-81,873

33,994

52,845

-5,790

-8,445

72,605

34,079

75,902

109,981

-22,324

6,674 22,910

-442

-7,270

21,872

35,315

40,587

75,902

-27,399

30,296

5,337

-4,769

-2,816

28,049

21,836

109,980

131,816

-35,385

-34,910

-2,254

-3,998

-9,825

-50,987

19,592

131,817

151,408

-44,324

16,608

-5,176

-9,825

-52,115

151,408

99,294

636

-971

-26,434

-27,483

-4,000

-16,843

-48,326

47,356

99,294

146,650

0

-31,578

-19,593

-3,300

-16,843

-39,736

13,225

146,651

159,876

0

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 becomes inconsistent with the investment rating legend, the Research Analyst shall within 28 days of the inconsistency, 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).

Molilal Oswal Securities Ltd. (MOSL)\* is a SEBI Registered Research Analyst having registration no. INH000000412. MOSL, the Research Entity (RE) as defined in the Regulations, is engaged in the business of providing Stock broking services, Investment Advisory Services, Depository participant services & distribution of various financial products. MOSL is a subsidiary company of Motital Oswal Financial Service Ltd. (MOFSL). MOFSL is a listed public company, the details in respect of which are available on www.motilaloswal.com. 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 BSE Limited (BSE), Multi Commodity Exchange of India (MCX) & National Commodity & Derivatives Exchange Ltd. (NCDEX)for its stock broking activities & is Depository participant with Central Depository Services Limited (CDSL) & National Securities Depository Limited (NSDL) and is of Association of Mutual Funds of India (AMFI) for distribution of financial products Details of associate entities of Motilal Oswal Securities Limited are available on the website at member http://onlinereports.motilaloswal.com/Dormant/documents/Associate%20Details.pdf

MOSL, it's associates, Research Analyst or their relative may have any financial interest in the subject company. MOSL and/or its associates and/or Research Analyst may have 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. MOSL 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 MOSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research Analyst may have served as director/officer, etc. in the subject company in the last 12 month period. MOSL and/or its associates may have received any compensation from the subject company in the past 12 months.

In the last 12 months period ending on the last day of the month immediately preceding the date of publication of this research report, MOSL or any of its associates may have

- managed or co-managed public offering of securities from subject company of this research report,
- received compensation for investment banking or merchant banking or brokerage services from subject company of this research report, received compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company of this research report.
- Subject Company may have been a client of MOSL or its associates during twelve months preceding the date of distribution of the research report.

MOSL and it's associates have not received any compensation or other benefits from the subject company or third party in connection with the research report. To enhance transparency, MOSL has incorporated a Disclosure of Interest Statement in this document. This should, however, not be treated as endorsement of the views expressed in the report. MOSL 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 MOSL 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.

#### Terms & Conditions:

This report has been prepared by MOSL 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 MOSL. 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. MOSL will not treat recipients as customers by virtue of their receiving this report.

#### 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.

#### Disclosure of Interest Statement Sun Pharma Analyst ownership of the stock No

A graph of daily closing prices of securities is available at <a href="www.nseindia.com">www.nseindia.com</a>, <a href="www.nseindia.com">www.bseindia.com</a>, <a href="www.nseindia.com</a>, <a href="www.nseindia.com">www.nseindia.com</a>, <a href="www.nseindia.com</a>, <a href= 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 MOSL& 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. INH000000412) 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.

Moltial Oswal Securities Limited (MOSL) 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 MOSL 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 MOSL, 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., MOSL 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") (Co.Reg. NO. 2011294012) which is a holder of a capital markets services license and an exempt financial adviser in Singapore, as per the approved agreement under Paragraph 9 of Third Schedule of Securities and Futures Act (CAP 289) and Paragraph 11 of First Schedule of Financial Advisors Act (CAP 110) provided to MOCMSPL by Monetary Authority of Singapore. Persons in Singapore should contact MOCMSPL in respect of any matter arising from, or in connection with this report/publication/communication. This report is distributed solely to persons who qualified in section 4A(1) of the Securities and Futures Act, Chapter 289 of Singapore ("the SFA"). Accordingly, if a Singapore person is not or ceases to be such an institutional investor, such Singapore Person must immediately discontinue any use of this Report and inform MOCMSPL.

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 self 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 fine information and opinions contained in this document. The Disclosures of Interest Statement incorporated in this document is provided so 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. MOSL, 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 MOSL. 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 MOSL 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 MOSL or any of its affiliates or employees from, any and all responsibility/liability arising from such misuse and agrees not to hold MOSL or any of its affiliates or employees from, any and all responsibility arising from such misuse and agrees not to hold MOSL or any of its affiliates or employees. 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.

Registered Office Address: Motifal Oswal Tower, RahimtullahSayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025: Tel No.: 022-3980 4263: www.motifaloswal.com. Correspondence Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad (West), Mumbai-400 064. Tel No.: 022 3080 1000. Compliance Officer: Neeraj Agarwal, Email Id: na@motifaloswal.com, Contact No.:022-38281085.

Registration details of group entities: MOSL:SEBI Registration: INZ000158836 (BSE/NSE/MCX/NCDEX); CDSL: IN-DP-16-2015; NSDL: IN-DP-NSDL-152-2000; Research Analyst: INH000000412. AMFI: ARN 17397. Investment Adviser: INA000007100.Motifal Oswal Asset Management Company Ltd. (MOVML): PMS (Registration No.: INP00000479) offers PMS and Mutual Funds products. Motifal Oswal Asset Management Ltd. (MOVML): PMS (Registration No.: INP000004409) offers wealth management solutions. "Motifal Oswal Securities Ltd. is a distributor of Mutual Funds, PMS, Fixed Deposit, Bond, NCDs, Insurance and IPO products." Motifal Oswal Commodities Broker Pvt. Ltd. offers Commodities Products. "Motifal Oswal Asset Management Movement Ltd. (MOVML): PMS (Registration No.: INP000004409) offers wealth management solutions. "Motifal Oswal Asset Management Ltd. (MOVML): PMS (Registration No.: INP000004409) offers wealth management solutions. "Motifal Oswal Asset Management Ltd. (MOVML): PMS (Registration No.: INP000004409) offers wealth management Solutions. "Motifal Oswal Asset Management Ltd. (MOVML): PMS (Registration No.: INP000004409) offers wealth management Solutions. "Motifal Oswal Asset Management Ltd. (MOVML): PMS (Registration No.: INP000004409) offers wealth management Solutions. "Motifal Oswal Asset Management Ltd. (MOVML): PMS (Registration No.: INP000004409) offers wealth management Solutions. "Motifal Oswal Asset Management Ltd. (MOVML): PMS (Registration No.: INP000004409) offers wealth management Solutions. "Motifal Oswal Asset Management Ltd. (MOVML): PMS (Registration No.: INP00000409) offers wealth management Solutions. "Motifal Oswal Asset Management Solutions" of Motifal Oswal Asset Management Solutions. "Motifal Oswal Asset Management Solutions" of Motifal Oswal Asset Management Solutions (MOVML): PMS (Registration No.: INP00000409) offers wealth management Solutions (MOVML): PMS (Registration No.: INP00000409) offers wealth management Solutions (MOVML): PMS (Registration No.: INP000000409) offers wealth management Solutions (MOVML): PMS (Registration No.: INP00000409) offers wealth management Solutions (MOVML): PMS (Registration No.: INP00000409) offers wealth management Solutions (MOVML): PMS (Registration No.: INP00000409) offers we Oswal Real Estate Investment Advisors II Pvt. Ltd. offers Real Estate products. \* Motilal Oswal Private Equity Investment Advisors Pvt. Ltd. offers Private Equity products

\*MOSL has been amalgamated with Motilal Oswal Financial Services Limited (MOFSL) w.e.f. August 21, 2018 pursuant to order dated July 30, 2018 issued by Hon'ble National Company Law Tribunal, Mumbai Bench. The existing registration no(s) of MOSL would be used until receipt of new MOFSL registration numbers.