

MONTHLY UPDATE

Chemicals

Prices start spiralling once again...

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chemicals

Monthly

Share Data

Absolute price performance			
(%)	1m	3m	12m
Sensex	3.0	16.7	23.2
BSE Midcap	5.7	23.4	28.2
INR	(0.7)	(2.2)	1.5
CNY	0.3	0.5	10.6
Crude	19.0	39.4	20.4
Active Coverage			
Aarti Industries	(3.8)	3.5	19.3
Atul	0.7	0.9	32.3
BASF	25.4	35.7	138.0
Galaxy Surfactants	2.4	15.6	34.0
Gujarat Fluorochem	(10.6)	4.3	(2.9)
Navin Fluorine	(1.9)	(4.6)	94.8
Neogen Chemicals	18.6	33.1	71.8
SRF	(5.3)	9.2	32.6
Sudarshan Chemical	(1.1)	10.5	8.5
Passive Coverage			
Aarti Surfactants	(2.2)	(3.1)	n/a
Advanced Enzymes	23.0	16.1	143.1
Alkyl Amines Chem.	7.4	52.3	221.3
Apcotex Industries	(2.2)	11.5	24.8
Asahi Songwon	5.9	16.8	96.6
Balaji Amines	41.9	63.0	289.8
Bhansali Engg.	(6.6)	38.8	222.4
Bodal Chemicals	(6.4)	0.1	(17.1)
Clariant Chemicals	11.5	22.4	11.1
Camlin Finesciences	(0.7)	19.2	73.4
Deepak Nitrite	26.2	59.6	164.7
DCM Shriram	11.8	32.5	32.3
Privi Specialty Chem.	4.1	19.6	27.3
Fine Organics	(4.3)	(9.4)	6.9
GHCL	5.0	37.5	28.7
GNFC	10.2	21.2	30.7
Gujart Alkalies	(8.3)	(3.6)	(14.3)
Himadri Chemicals	(7.9)	9.1	(14.1)
IG Petrochemicals	13.6	1.3	156.2
INEOS Styrolution	(2.4)	58.2	28.8
Meghmani Organics	(4.0)	1.5	33.2
NOCIL	23.1	26.2	90.8
Oriental Carbon	4.7	5.8	(7.2)
Phillips Carbon	7.4	25.3	56.8
Sadhana Nitrochem	(14.5)	1.6	(13.4)
Seya Industries	(14.8)	(10.0)	(35.0)
SH Kelkar	(4.5)	(5.6)	7.5
Shree Pushkar Chem.	6.5	37.3	14.8
Supreme Petrochem	(4.8)	29.8	122.9
Tata Chemicals	17.0	75.2	83.5
Thirumalai Chemicals	(1.3)	6.3	46.8
Transpek Industries	(15.2)	(6.8)	(14.4)
Valiant Organics	12.8	20.8	39.5
Vinati Organics	(8.1)	(13.3)	91.0

Prices of some of the chemicals started spiralling once again since the second half of February on the back of widespread outages in US Gulf Coast, rise in crude prices and container shortages resulting into supply disruption. As per media articles, over 19% of the US petrochemicals capacities were down due to unviable operating conditions. These plants are likely to take some weeks to get back to normalcy thereby disrupting chemicals supply chain in the near-term. Further, US Gulf region's Petrochemical Industry has been under spotlight in past couple of years with adverse weather conditions resulting into disruption of global supply chain (recollect Hurricane Harvey in 2017). During Hurricane Harvey, many facilities struggled to resume operations for a month and prices were alleviated for almost three months. Though, it is difficult to predict how long the current price spikes would last, it is likely to benefit/impact some of the Indian chemical companies in the near-term.

Anti-Dumping Duties (ADD): During the month, CBIC imposed ADD on 4 chemicals (2 of which are from China) while it reinstated ADD on imports of 1 chemical and denied ADD on imports of 1 chemical. DGTR initiated ADD investigation on imports of 3 chemicals. Refer Pg. 17.

Environmental Clearances (EC): 3 companies have received EC to set up/expand capacities. Refer Pg. 19.

Export realisation: DGCIS has updated exports data till November 2020. As per the data, export realisations for P-Di chloro benzene, R-22 and P-Cresol were down by 24.0%, 9.2% and 2.0% MoM, respectively, while export realisations for Mono-Chloro benzene, O-Di Chloro Benzene and Di Chloro Aniline were up by 94.0%, 17.2% and 15.6% MoM, respectively. Refer Pg. 12.

Export and import trend for key chemicals (November 2020): Imports of Phosphoric Acid Toluene and Acyclic hydrocarbons declined by 31.9%, 29.2% and 28.2% MoM, respectively, while imports of Acetic Acid, Acrylonitrile and Ethyl Alcohol rose 162.4%, 148.6% and 70.7% MoM. Exports of Optical whitening agents, pyridine derivatives and Reactive dyes declined by 48.0%, 33.6% and 13.0% MoM while exports of Cyclic amides, Benzene and Ethylene glycol rose by 25.0%, 15.9% and 14.9%, respectively. Refer Pg. 14-15.

3QFY21 Results Review: The aggregate revenue growth stood at 12.5% YoY and was driven by strong recovery in discretionary industries.

Profitability continued to improve as margins expanded by 570 bps YoY to 21.5% resulting into strong EBITDA growth of 52.9%. Aggregate PAT growth at 73.3% YoY. Refer Pg. 22-29.

Channel checks on certain key chemicals: Channel checks indicate steep rise in some of the chemicals on MoM basis. Phenol and VAM prices rose sharply by 72.3% and 76.2% MoM led by global supply chain disruption. TDI and MDI prices rose by 17.1% and 4.8% MoM. Polystyrene prices continue to remain elevated (rose 41.3% MoM) led by supply constraints and high raw material prices. Refer Pg. 09.

Spike in prices led by supply disruption

Chemicals (Rs/kg)	Jan 21	Feb 21	MoM (%)	Companies having exposure
Vinyl Acetate Monomer	105	185	76.2	Pidilite Industries (RM)
Phenol	65	112	72.3	Deepak Nitrite
Acetic Acid	57	90	57.9	GNFC
Acrylonitrile	126	185	46.8	Vinati Organics (RM)
Polystyrene	92	130	41.3	Supreme Petro, INEOS Styrolution
Acetone	61	86	41.0	Deepak Nitrite
Aniline	110	150	36.4	GNFC
Iso-Propyl Alcohol	80	108	35.0	Deepak Nitrite
Styrene	88	113	28.4	Bhansali, Supreme Petro, INEOS Styrolution, Apcotex (RM)
Phthalic Anhydride	85	100	17.6	IG Petro Chemicals and Thirumalai Chemicals
TDI	175	205	17.1	GNFC
BoPP	140	163	16.4	SRF
Vinyl Sulphone	215	250	16.3	Bodal, Shree Pushkar, Bhageria, Kiri
Caustic Soda	28	30	7.1	Gujarat Fluorochemicals, GACL, Meghmani Organics, Atul
MDI	210	220	4.8	BASF
BoPET	112	117	4.5	SRF
ABS	270	275	1.9	INEOS Styrolution, Bhansali Engineering

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News flow

The chemicals and petrochemicals sector has huge potential and can contribute significantly towards achieving the government's target of US\$ 5 trn economy as per Union Minister Sadananda Gowda.

https://www.business-standard.com/article/economy-policy/chemicals-petchem-sector-can-contribute-in-achieving-5-trn-economy-gowda-121022301523_1.html

Indian Ministry says petrochemical, polymer sectors to witness growth with roll out of the PLI Scheme for key end-use sectors. The massive emphasis on infrastructure spending is expected to result in additional consumption of petrochemicals like polymers and specialty chemicals.

https://www.fibre2fashion.com/news/textile-news/indian-ministry-says-petrochemical-polymer-sectors-to-witness-growth-272493-newsdetails.htm?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+fibre2fashion+%28Daily+Textile+and+Fashion+Industry+News+-+Fibre2fashion%29

Karnataka Environment Minister's issues notices to industries polluting rivers. The main cause for pollution of rivers is flow of untreated sewage into them. Several textiles, cement and chemical industries located along the rivers have been discharging large amounts of toxic effluents.

<https://starofmysore.com/notices-to-be-issued-to-industries-polluting-rivers-environment-minister/>

Severe winter storm and ultra-low temperatures on the US Gulf Coast put a deep freeze on the nation's petrochemicals sector with multiple crackers and refineries shutting down amid already tight markets.

<https://www.icis.com/explore/resources/news/2021/02/19/10608420/insight-winter-storm-impact-may-exceed-hurricane-harvey-s-but-us-chemicals-earnings-to-rise>

Tamil Nadu announced its new Industrial Policy 2021 with an aim to garner investments worth about Rs 10 trn by 2025. The Policy aims to raise the contribution of the manufacturing sector to 30% of the State's economy by 2030.

https://www.business-standard.com/article/economy-policy/tamil-nadu-announces-new-industrial-policy-targets-rs-10-trn-investments-121021600736_1.html

Mumbai's air becoming more foul – industrial clusters could be a major culprit. Trans-Thane Creek (TTC), Talaja, Ambernath and Dombivali contribute 70% of the industries operating in the MMR. TTC was found to be a major pollution hotspot contributing about 44% of the total load.

<https://www.cseindia.org/mumbai-s-air-becoming-more-foul-industrial-clusters-could-be-a-major-culprit-says-new-cse-analysis-10689>

PM Modi launched major infrastructure projects to the tune of over Rs 60 bn in Kerala including a Propylene Derivative Petrochemical project at the BPCL Kochi Refinery. It would substitute imports as acrylic acid, oxo-alcohol and acrylates that are now being imported.

<https://www.deccanherald.com/national/south/pm-modi-meets-kerala-bjp-leaders-951251.html>

The government plans to select more pharmaceutical firms for its production-linked incentive (PLI) scheme for 37 bulk drugs.

<https://www.livemint.com/news/india/govt-to-select-more-pharma-firms-this-month-for-scheme-to-push-bulk-drug-output-11612796279049.html>

China will set-up a new information platform to allow the public to track the emissions of polluting enterprises and help authorities prosecute those that break the rules or try to evade supervision.

<https://www.themeditelegraph.com/en/green-and-tech/pollution/2021/02/06/news/china-to-launch-public-platform-to-track-crack-down-on-polluters-1.39869466>

PLI scheme to make India integral part of global supply chain through the Rs 1.46 trn investments. The scheme will ensure efficiencies, create economies of scale, enhance exports and provide a conducive manufacturing ecosystem.

<https://telecom.economictimes.indiatimes.com/news/pli-scheme-to-make-india-integral-part-of-global-supply-chain-economic-survey/80595933>

India's KLJ Plasticizers Ltd. (KLJ) plans to build a greenfield 200,000 tonne/year phthalic anhydride (PA) plant at Jhagadia in western Gujarat. The company expects to begin operations at the plant in 2024.

<https://www.icis.com/explore/resources/news/2021/02/04/10602643/india-s-klj-plasticizers-to-build-new-pa-plant-in-jhagadia>

The Centre is examining the rates of input duty refunds proposed so far by the GK Pillai committee under the new RoDTEP. Caps were needed on some products to not over-stretch the available budget.

<https://www.thehindubusinessline.com/economy/policy/rodtep-centre-examining-first-part-of-gk-pillai-panel-report-to-see-if-caps-needed/article33752043.ece>

Anti-dumping duties, countervailing duties altered to put brakes on cheap imports. As per the budget for FY22, with effect from 01 July, the final findings in cases of reviewing anti-dumping and countervailing duty are to be issued at least three months before expiry of the duty.

<https://economictimes.indiatimes.com/news/economy/foreign-trade/anti-dumping-duties-countervailing-duties-altered-to-put-brakes-on-cheap-imports/articleshow/80660602.cms?from=mdr>

Central government, in talks with Gujarat government for setting up chemical cluster at Gulf of Khambhat. Two locations are in mind for this chemicals sector. One is between Bhavnagar and Dholera and the second is on a wasteland near Jambusar.

<https://indianexpress.com/article/cities/ahmedabad/in-talks-with-gujarat-for-chemical-cluster-at-gulf-of-khambhat-union-minister-7126626/>

China adopts law to better protect Yangtze. The law is formulated to strengthen the protection and restoration of the ecological environment in the Yangtze River basin, facilitate the effective and rational use of resources, safeguard ecological security and achieve the sustainable development.

http://www.xinhuanet.com/english/2020-12/26/c_139620826.htm

<https://www.scmp.com/news/china/politics/article/3115431/china-passes-law-protect-river-yangtze>

Company specific news

Navin Fluorine International completes transactions with Convergence Chemicals and Piramal Pharma Ltd. (including sale of entire 49% stake held by the company in CCPL).

<https://www.bseindia.com/xml-data/corpfiling/AttachLive/d15d29ae-8460-4120-a0ba-4b720dfcc478.pdf>

Goa Carbon shut its Bilaspur unit in Chhattisgarh temporarily for maintenance work from 24 February 2021.

<https://www.bseindia.com/xml-data/corpfiling/AttachLive/a607e94f-c7a8-4189-bf02-1f7164c0c025.pdf>

Atul Ltd. closes buyback. The company bought back 74,682 at an average price of Rs 6,679; promoter holding post buyback stands at 44.93% against 44.82% pre buyback

<https://www.bseindia.com/xml-data/corpfiling/AttachLive/8eac1480-1958-49f6-a02c-5fde4054352f.pdf>

Himadri Speciality to permanently close Vapi unit; not to have any material effect on operations of the company.

<https://www.bseindia.com/xml-data/corpfiling/AttachLive/b027d25c-53f4-48f5-adf6-afa2cf2a8e1.pdf>

Camlin Fine Sciences: MPCB directs for closure of manufacturing unit situated at Plot D-2/3, MIDC, Tarapur, District Palghar.

<https://www.bseindia.com/xml-data/corpfiling/AttachLive/1efcf2b6-0dc7-446c-b4f8-72f836eac29b.pdf>

Bodal Chemicals to acquire Siel Chemical Complex (SCC) in Punjab. SCC is a player in chlor-alkali segment in North India with current caustic soda capacity of 82,500 tpa. The company will acquire SCC at a total cost of Rs 1.4 bn on slump sale basis.

<https://www.bseindia.com/xml-data/corpfiling/AttachLive/e02812f5-9ce8-4d26-b164-0e6bacdd9074.pdf>

Bodal Chemicals announced increase in capacity of Specialty Benzene Downstream products at Saykha. The capacity has been increased for Specialty Benzene Downstream Products plant from earlier announcement of 55,000 mtpa to 78,960 mtpa. Total cost of the project including one-time infrastructure cost will be Rs 4.0 bn. Out of that, cost of the Benzene Downstream Products will be Rs 2.2 bn (from Rs 1.65 bn announced earlier) and cost of Sulphuric Acid and its derivatives will be around Rs 1.25 bn.

<https://www.bseindia.com/xml-data/corpfiling/AttachLive/a16a91be-35ef-4484-8610-e78ea8723ca2.pdf>

Camlin Fine Sciences Limited to acquire further 35% stake in subsidiary from JV partner namely Dresen Quimica SAPI de CV (“Dresen”) from Controladora De Servicios Riso S.A.P.I. de C.V. for an amount not exceeding US\$ 13 mn.

<https://www.bseindia.com/xml-data/corpfiling/AttachLive/5255c86c-a64a-40e1-8bd7-da34334e891b.pdf>

Vinati Organics approves amalgamation of Veeral Additives Private Limited with Vinati Organics Limited.

<https://www.bseindia.com/xml-data/corpfiling/AttachLive/57bc9dea-b175-4dfd-a753-5d6a59945b66.pdf>

Alkyl amines approves enhancement of Aliphatic Amines capacity at an investment of Rs 3-3.5 bn through internal accruals. The company has appointed Mr Kirat Patel, Executive Director and Chief Financial Officer. Also, the board has announced sub-division of equity shares of face value of Rs 5 to Rs 2 each.

<https://www.bseindia.com/xml-data/corpfiling/AttachLive/dc903f43-bd18-4b0d-8323-906cd2de7194.pdf>

IG Petrochemicals commence commercial production of Phthalic Anhydride plant (PA-4) with a capacity of 53,000 MT at Taloja, Maharashtra.

<https://www.bseindia.com/xml-data/corpfiling/AttachLive/2210f2c3-8a2b-4787-9070-26b640777244.pdf>

Omkar Speciality Chemicals appoints Mr Kannan Ramakrishnan Thevar and Mr Suresh Jiwalal Kataria as s Additional Director.

<https://www.bseindia.com/xml-data/corpfiling/AttachLive/29398600-6449-4cf3-b514-a0e51ce62ca5.pdf>

NOCIL Limited's CFO, P. Srinivasan sold 211,650 shares during 21st December 2020 to 29th December 2020 to meet his personal commitment towards purchase of residential property.

<https://www.bseindia.com/xml-data/corpfiling/AttachLive/e2fba526-b36d-4548-897e-5f282023526a.pdf>

INEOS Styrolution India approved change in directors and reconstitution of board committees.

<https://www.bseindia.com/xml-data/corpfiling/AttachLive/a307e742-48a6-46e4-9c97-b7713abe0878.pdf>

Advanced Enzyme Technologies Limited to acquire controlling stake (51%) in SciTech Specialties Private Limited.

<https://www.bseindia.com/xml-data/corpfiling/AttachLive/5b8df8ba-dd7c-489a-9933-f2866f684f71.pdf>

Fairchem Organics Limited promoters announced an open offer for acquisition of up to 33,77,953 fully paid-up equity shares (25.94% stake) at Rs 575.53 per share aggregating to total consideration of Rs 1.94 bn.

<https://www.bseindia.com/xml-data/corpfiling/AttachHis/707A92E4-137E-478D-9189-54AADFA71929-114334.pdf>

Channel check on certain key chemicals

Prices start spiralling as US Gulf Coast storm leads to widespread outages...

The US Polar storm has resulted into widespread outages in the Gulf Coast region and has started creating supply disruptions. Our channel checks are indicating steep rise in some of the chemicals on MoM basis. Though, it is difficult to predict how long these spikes would last, it is likely to benefit/impact some of the companies in the near-term. The key highlights from our checks are as follows.

Supply disruption in global market is driving TDI and MDI prices by 17.1% and 4.8% MoM. ABS and Polystyrene prices continue to remain elevated (rose 1.9% and 41.3% MoM) led by supply constraints and high raw material prices.

Phenol prices rose sharply by 72.3% MoM led by global supply chain disruption. During last fortnight, Phenol spreads rose by 7.8% to US\$ 761/MT. Average spreads for 4Q'21 are now up 10.9% YoY while it is still down 17.6% QoQ to US\$ 636/MT. Average spreads for FYTD21 are up 53.0% YoY to US\$ 796/MT.

BoPET and BoPP prices rose 4.5% and 16.4% MoM on account of increase in raw material prices and supply constraints.

Refrigerant prices inched upward in the range of 1.8% to 2.4% MoM on account of healthy demand and increase in raw material prices. VAM prices continue to inch upward (up 76.2% MoM) led by disruption in global supply chain.

DASDA prices corrected by 12.5% MoM led by easing supply from China while Optical Brightener prices continued to remain soft led by subdued demand. Vinyl Sulphone prices rose 16.3% MoM led by raw material shortage while H-Acid prices remained flat MoM.

For further details please refer: <http://zzz.bksec.com/Reportsupload/2021/2/Chemicals - Channel checks - Flash Note - 24 Feb 21.pdf>

Monthly prices

Commodity	Unit	Sep 20	Oct 20	Nov 20	Dec 20	Jan 21	19 Feb 21	YoY(%)	MoM(%)
Propylene Spot SEA, CFR	US\$/MT	845	865	851	948	924	960	13.3	3.9
Benzene Spot India, CFR	US\$/MT	445	400	426	624	635	815	22.8	28.3
Chlorine Contract China	US\$/MT	73	72	201	252	201	201	251.3	-
Methanol Spot India, CFR	US\$/MT	215	255	261	353	340	400	92.8	17.7
MEG Spot SEA, CFR	US\$/MT	485	460	478	514	588	700	32.7	19.0
Acrylic Acid Contract China	US\$/MT	1,053	1,053	1,277	1,223	1,321	1,321	29.3	-
ABS Contract U.K.	US\$/MT	1,677	1,681	1,686	2,013	2,191	2,419	82.7	10.4
Adipic Acid Contract Asia, CFR	US\$/MT	925	925	975	1,260	1,265	1,265	(1.6)	-
Propylene Oxide Spot China	US\$/MT	2,322	2,723	2,785	2,703	2,874	2,640	103.7	(8.1)
Styrene Spot India, CFR	US\$/MT	685	665	755	916	938	1,305	58.4	39.1
PTA Spot India, CFR	US\$/MT	460	445	464	591	662	735	25.1	11.0
Caprolactam Contract Asia, CFR	US\$/MT	1,005	1,005	1,123	1,380	1,560	1,560	13.5	-
TDI Spot China Huadong	US\$/MT	2,480	2,473	2,475	1,935	1,947	2,279	41.2	17.1
EDC Spot SEA, CFR	US\$/MT	340	345	414	528	564	600	92.8	6.4
VCM Spot SEA, CFR	US\$/MT	825	840	891	1,060	1,105	1,080	39.4	(2.3)
SBR Spot China	US\$/MT	1,300	1,332	1,495	1,808	1,854	1,990	30.7	7.4
EPS Contract U.K.	US\$/MT	1,580	1,584	1,578	1,791	1,967	2,047	65.6	4.1
PET Spot China	US\$/MT	778	776	762	829	889	983	6.8	10.6
Polycarbonate Spot China	US\$/MT	2,136	2,202	2,380	3,348	2,989	3,290	61.2	10.1
Polyamide Fibre Contract Asia	US\$/MT	2,050	2,050	2,275	2,550	3,150	3,150	38.5	-
Polyamide Resin Contract W.Eur	US\$/MT	1,791	1,791	1,842	2,166	2,367	2,367	16.4	-
Polystyrene Spot India, CFR	US\$/MT	1,030	1,040	1,060	1,405	1,380	1,470	24.3	6.5
Caustic Soda NEA, FOB	US\$/MT	224	224	1,170	236	230	196	(20.3)	(14.7)
Caustic Soda SEA, CFR	US\$/MT	275	275	205	270	256	219	(26.1)	(14.3)
Glyphosate 95%, China	US\$/MT	3,175	3,175	241	4,357	4,560	4,552	50.3	(0.2)
Caustic Soda Liquid 32%, China	US\$/MT	68	68	3,855	71	71	68	(14.7)	(4.2)
Sulphuric Acid 98%, China	US\$/MT	15	15	73	58	59	58	243.8	(0.9)
Polyvinyl Chloride SG5, China	US\$/MT	965	965	1,249	1,204	1,142	1,156	48.5	1.2
Butadiene Rubber, China	US\$/MT	1,188	1,188	800	1,602	1,756	1,720	48.6	(2.0)
Pulp Bleached Chemical Pulp, China	US\$/MT	579	579	1,703	703	862	889	55.4	3.2
Pure Benzene, China	US\$/MT	491	491	611	648	705	783	81.6	11.1
Methyl Alcohol, China	US\$/MT	227	227	624	360	347	331	49.1	(4.6)
Soda Ash	Rs/50 kg	1,250	1,250	314	1,225	1,200	1,200	(14.3)	-
Caustic Soda Flake	Rs/50 kg	1,225	1,225	1,275	1,275	1,275	1,275	(22.7)	-
Caustic Potash India	Rs/50 kg	3,800	3,800	3,800	3,800	3,800	3,800	(11.6)	-
Sodium Bicarbonate	Rs/50 kg	1,550	1,550	1,550	1,550	1,550	1,550	-	-
Sodium Nitrite	Rs/50 kg	2,550	2,550	2,550	2,550	2,550	2,550	1.0	-
Plastics PVC Resin	Rs/kg	71	71	71	86	126	128	80.3	1.6
India Formaldehyde	Rs/kg	24	24	26	26	26	26	(7.1)	-
India Formic Acid	Rs/kg	55	55	51	51	55	55	(11.3)	-
India Glacial Acetic Acid	Rs/kg	45	45	60	70	70	70	45.8	-

SEA – South East Asia.

More than 10% up YoY ■, More than 10% down YoY ■

Spreads of key products

Spreads	Unit	Sep 20	Oct 20	Nov 20	Dec 20	Jan 21	19 Feb 21	YoY(%)	MoM(%)
PVC-EDC/Ethylene	US\$/MT	578	622	724	671	432	469	(11.6)	8.6
PVC (integrated)	US\$/MT	763	783	891	986	810	877	10.9	8.3
ABS (non-integrated)	US\$/MT	898	872	886	1,108	1,104	1,047	127.5	(5.2)
ABS Grade 2	US\$/MT	882	865	883	1,103	1,062	981	123.9	(7.6)
Caprolactum-Benzene	US\$/MT	956	975	1,054	1,130	1,071	1,112	30.3	3.8
AN-propylene	US\$/MT	73	175	201	504	592	654	138.4	10.5
Bisphenol A-Phenol/Acetone	US\$/MT	787	856	1,447	1,470	1,189	1,797	392.4	51.1
Acetic acid-methanol	US\$/MT	245	233	292	464	470	542	123.5	15.3
Propylene Oxide-propylene	US\$/MT	1,565	2,066	1,869	1,880	2,101	1,841	193.1	(12.4)
TDI-toluene	US\$/MT	2,283	2,326	1,929	1,626	1,601	1,758	44.0	9.8
MDI-benzene	US\$/MT	3,019	3,024	2,951	2,117	2,035	2,367	(18.5)	16.3
Rubber (SBR)-Butadiene/Styrene Monomer	US\$/MT	702	721	722	894	1,131	1,267	52.9	12.0
Phenol/Acetone-Benzene/Propylene	US\$/MT	668	697	852	787	584	723	20.3	23.8
P Cresol - Toluene	Rs/kg	205	212	199	196	203	211	11.4	3.9

More than 10% up YoY ■, More than 10% down YoY ■

Monthly price tracker of November 2020

Please find below the monthly price tracker of some of the key chemicals for the month of November 2020. We have segregated the relevant chemicals prices company wise. These are the export and import prices which are relevant for these companies are taken from DGCIS.

Aarti Industries

Chlorination and Nitration chemistries combined account for ~25% of FY20 specialty chemicals revenues (~30% in FY19). Some of the products that fall under these chemistries are as follows:

- Monochloro Benzene – Rs 99/kg (up 99.4% YoY, up 94.0% MoM).
- O – Di Chloro Benzene – Rs 87 kg (down 11.6% YoY, up 17.2% MoM).
- P – Di Chloro Benzene – Rs 53/kg (down 14.6% YoY, down 24.0% MoM).
- Di Nitro Chloro Benzene – Rs 94/kg (down 10.5% YoY, up 1.9% MoM).

Some of the Value added products:

- Meta Phenylene diamine – Rs 585/kg (up 6.4% YoY, up 0.6% MoM).
- Di Chloro Aniline – Rs 263/kg (down 4.1% YoY, up 15.6% MoM).
- O – Nitro Toluene – Rs 91/kg (down 8.9% YoY, up 13.2% MoM).

Atul

- P-Cresol – Rs 142/kg (down 25.5% YoY, down 2.0% MoM).
- Resorcinol – Rs 655/kg (down 5.7% YoY, up 3.1% MoM).
- 2,4 D – Rs 153/kg (down 0.8% YoY, down 0.8% MoM).
- Epoxy Resin – Rs 174/kg (up 7.6% YoY, up 3.6% MoM).
- Reactive Dyes – Rs 257/kg (down 11.8% YoY, up 0.1% MoM).
- Sulphur Black – Rs 103/kg (down 5.9% YoY, up 4.2% MoM).
- Vat Dyes – Rs 1,724/kg (up 38.7% YoY, up 15.8% MoM).

SRF

Technical Textiles

- Nylon Tyre Cord Fabric (NTCF) (import realisation) – Rs 107/kg (down 41.7% YoY, down 34.9% MoM); NTCF – Capro spreads – Rs 25/kg (down 65.3% YoY, down 71.0% MoM).

Refrigerants

- R22 – Rs 148/kg (down 18.8 % YoY, down 9.2% MoM).

Packaging Films

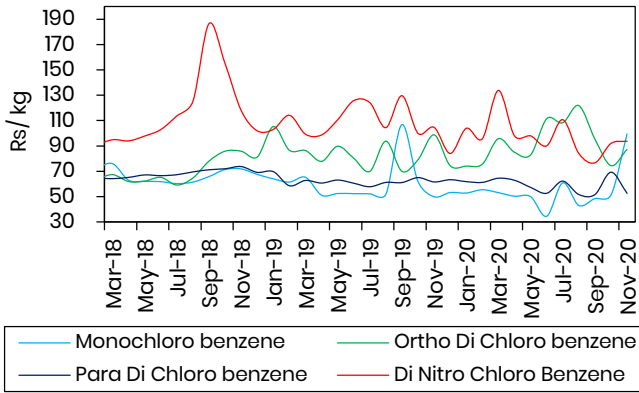
- BoPET – Rs 112/kg (up 10.7% YoY, down 0.6% MoM). BoPET spreads – TPA + MEG –Rs 59/kg (up 26.6% YoY, up 5.1% MoM).
- BoPP – Rs 133/kg (up 1.1% YoY, down 1.5% MoM). BoPP – PP spreads– Rs 56/kg (up 10.7% YoY, down 7.6% MoM).

Gujarat Fluorochemicals

- Caustic Soda Flakes (import realisation)– Rs 27/kg (down 19.2% YoY, down 6.7% MoM).
- Chloromethane (import realisation) – Rs 53/kg (down 10.3% YoY).
- PTFE – Rs 667/kg (flat YoY, down 3.2% MoM).

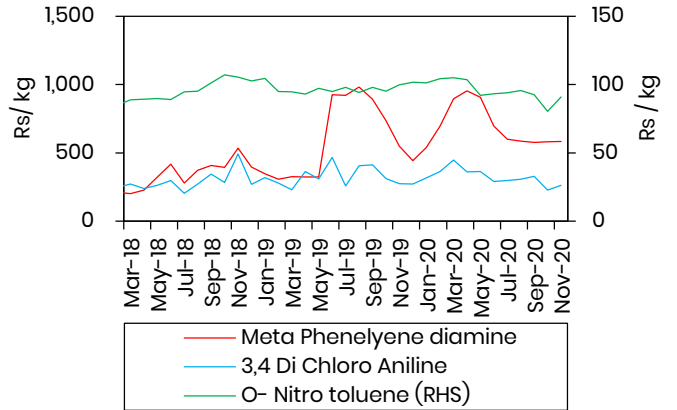
Realisations of key chemicals

Aarti Industries – Commodity Grade products

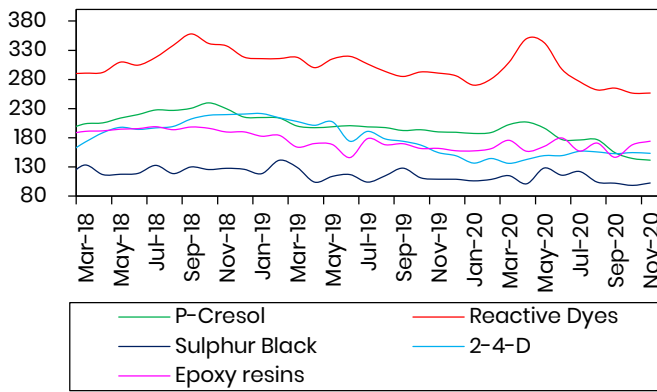


Source: DGCIS, B&K Research

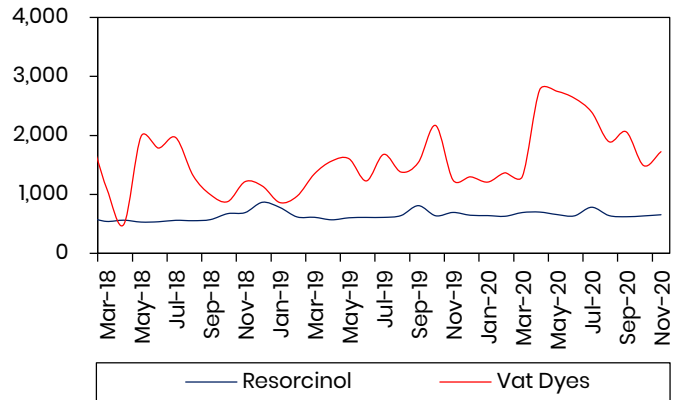
Aarti Industries – Value-added products



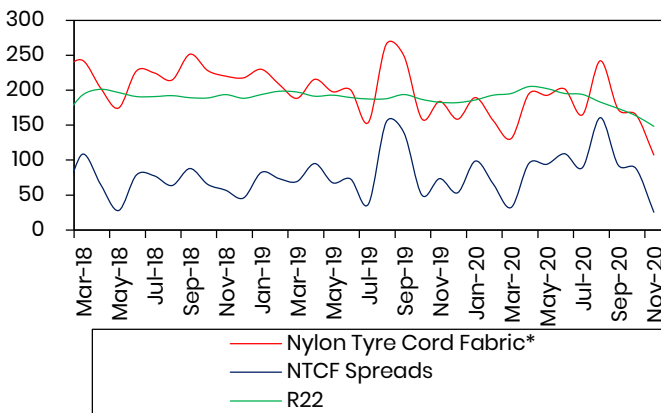
Atul – Key product realisations



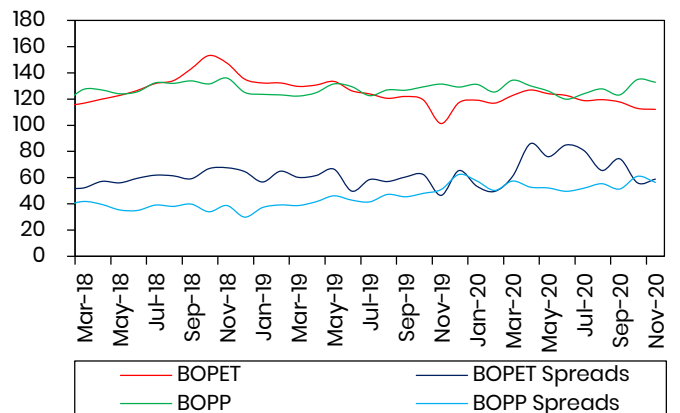
Source: DGCIS, B&K Research



SRF – Key product realisations

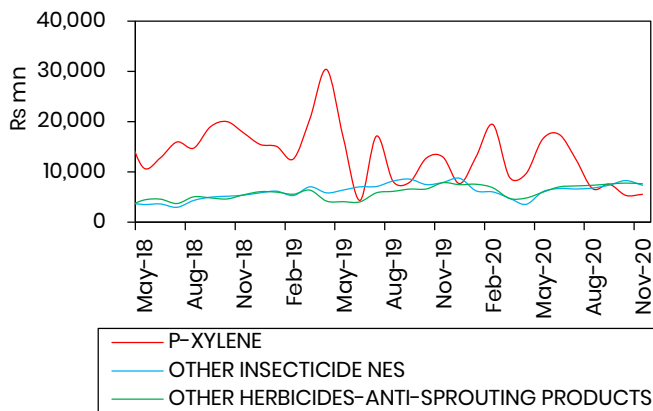


Source: DGCIS, B&K Research

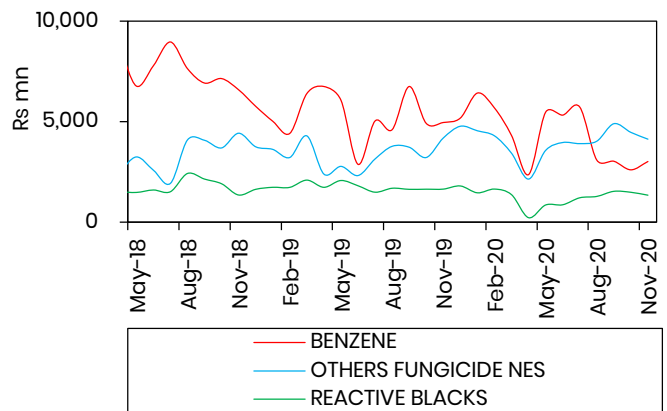


Exports of top chemicals over the years

Exports – P Xylene, Other Insecticides, Other Herbicides

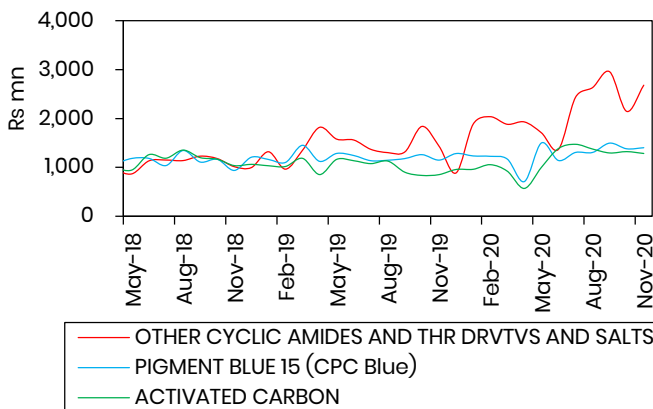


Exports – Benzene, Other Fungicides, Reactive Blacks

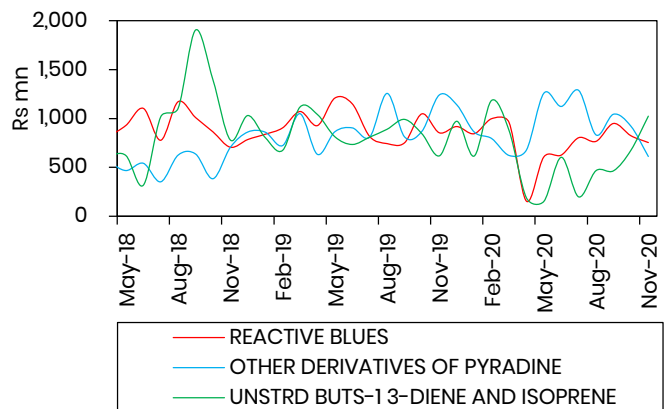


Source: Department for Promotion of Industry and Internal Trade, B&K Research

Exports – Other Cyclic Amides, Pigment Blue 15, Activated Carbon

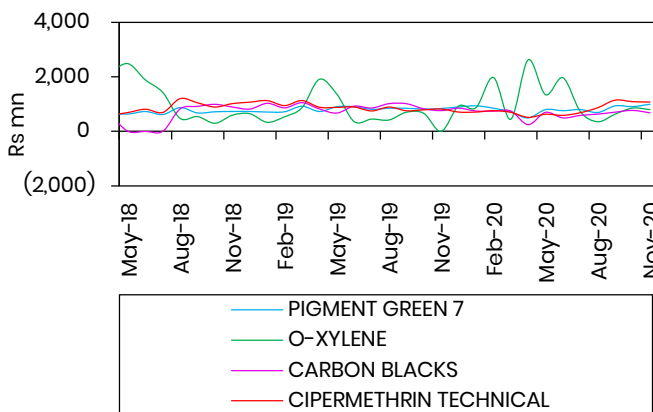


Exports – Reactive Blues, Pyradine Derivatives, Butadiene and Isoprene

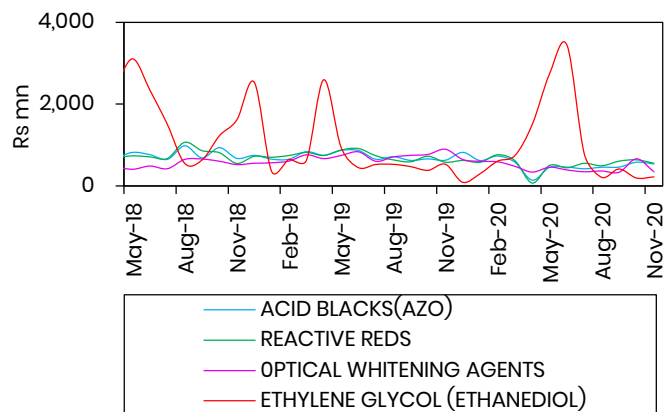


Source: Department for Promotion of Industry and Internal Trade, B&K Research

Exports – Pigment Green 7, O Xylene, Carbon Black, Cypermethrin



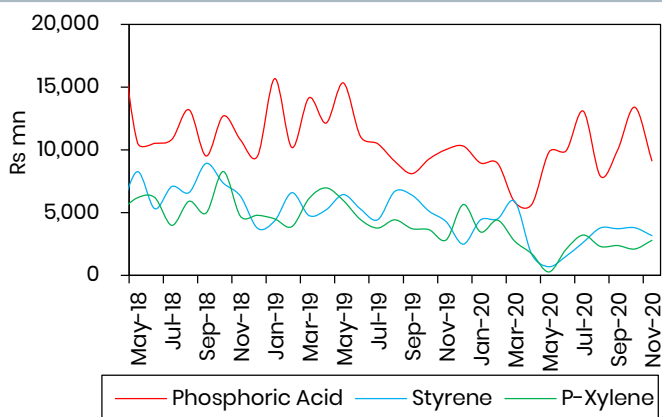
Exports – Acid Black, Reactive Reds, Optical Whitening Agents, Ethanediol



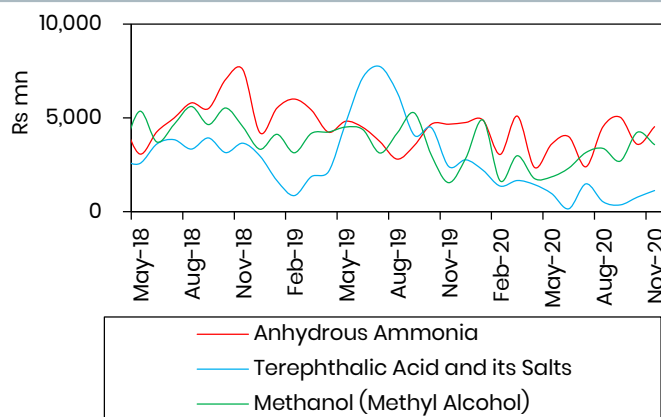
Source: Department for Promotion of Industry and Internal Trade, B&K Research

Imports of top chemicals over the years

Imports – Phosphoric Acid, Styrene, P-Xylene

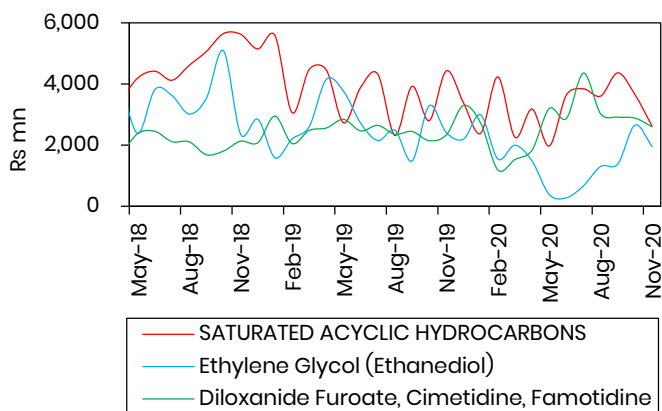


Imports – Ammonia, Terephthalic Acid, Methanol

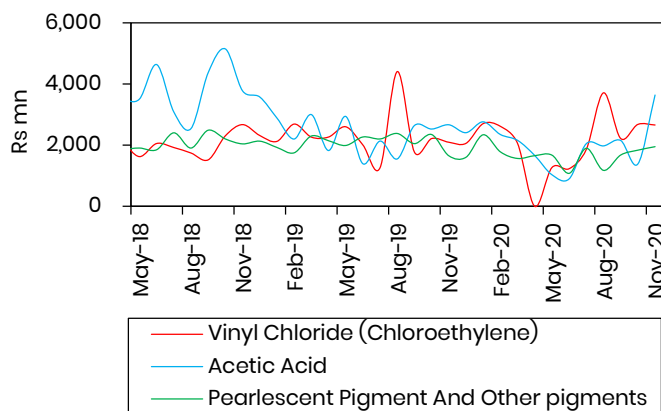


Source: Department for Promotion of Industry and Internal Trade, B&K Research

Imports – Acyclic Hydrocarbons, Ethanediol, Diloxanide Furoate, Cimetidine, Famotidine

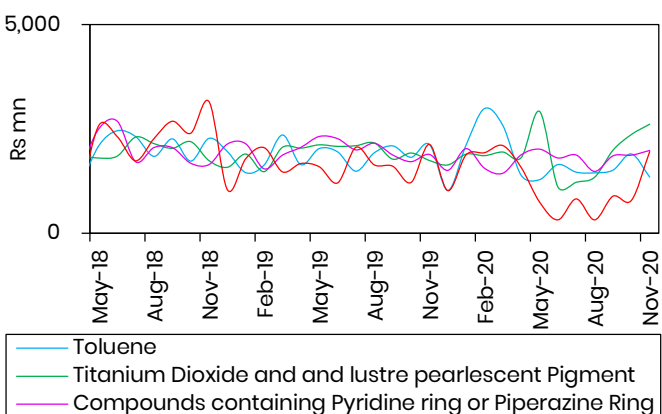


Imports – Vinyl Chloride, Acetic Acid, Pearlescent Pigment

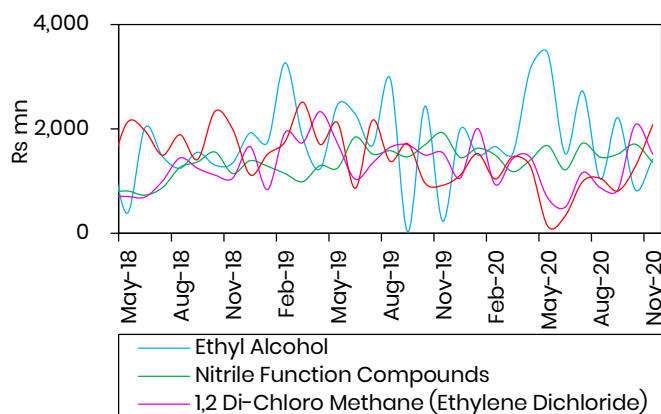


Source: Department for Promotion of Industry and Internal Trade, B&K Research

Imports – Toluene, Titanium Dioxide, Pyridine Rings Compound



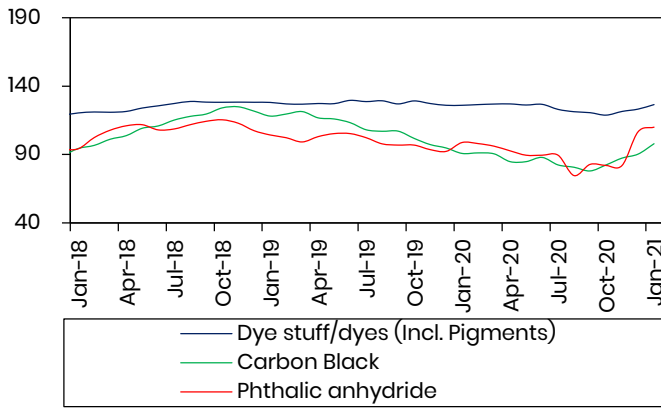
Imports – Ethyl Alcohol, Nitrile Function, Ethylene Dichloride



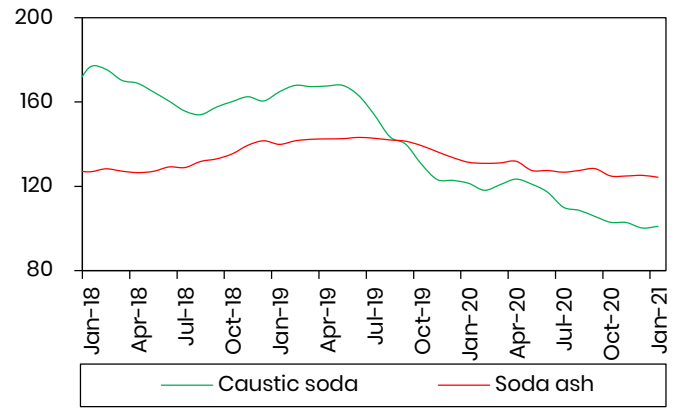
Source: Department for Promotion of Industry and Internal Trade, B&K Research

Wholesale price Index

Dyestuff/Dyes, Carbon Black, Phthalic Anhydride

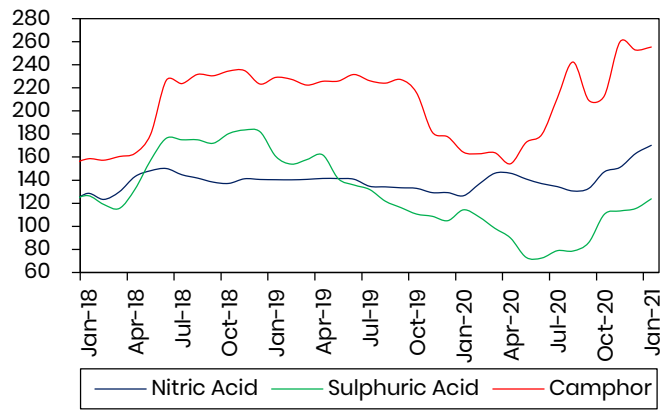


Caustic Soda, Soda Ash

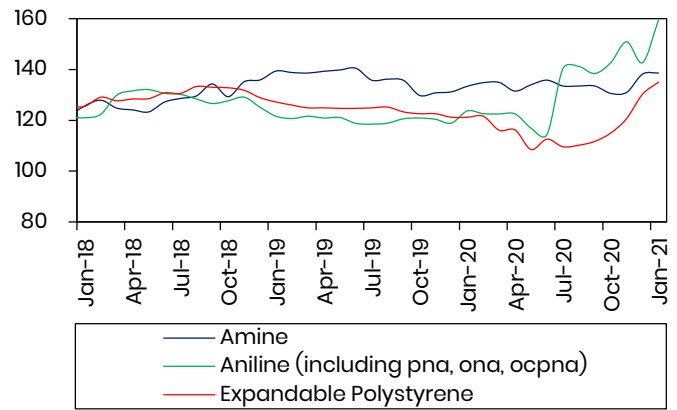


Source: Department For Promotion Of Industry And Internal Trade, B&K Research

Nitric Acid, Sulphuric Acid, Camphor

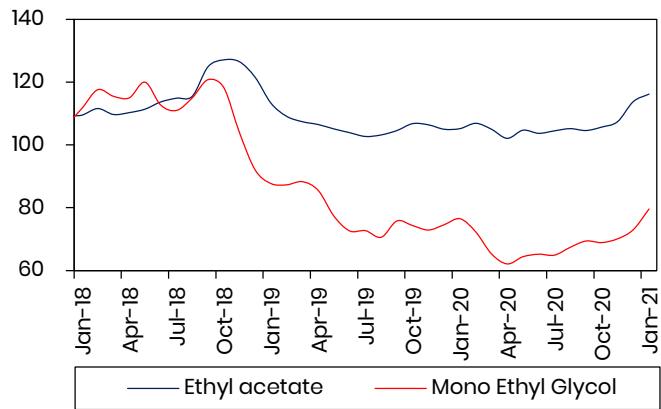


Amine, Aniline, Expandable Polystyrene

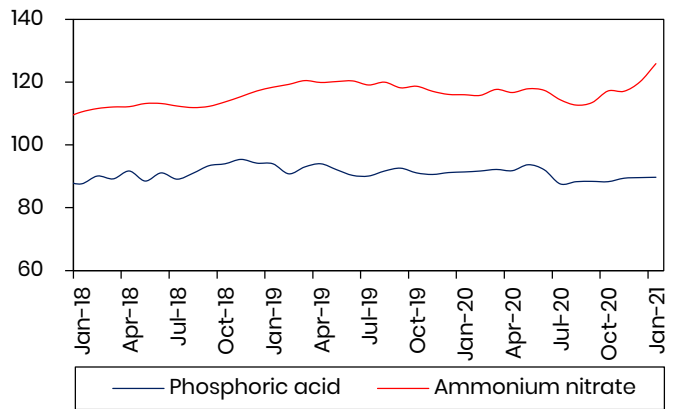


Source: Department For Promotion Of Industry And Internal Trade, B&K Research

Ethyl Acetate, Mono Ethyl Glycol



Phosphoric Acid, Ammonium Nitrate



Source: Department For Promotion Of Industry And Internal Trade, B&K Research

Anti-Dumping Duty

ADD imposed

Date	Chemical	Filed by	Imports from	Period	Maximum duty	Currency	Unit
28-01-2021	Toluene Di-Isocyanate (isomer content 80:20)	GNFC	European Union, Saudi Arabia, Chinese Taipei, United Arab Emirates	5 years from 2nd June 2021	368.2	US\$	MT
28-01-2021	1-Phenyl3-Methyl-5-Pyrazolone	Prima Chemicals	China PR	5 years from 9th June 2020	4.9	US\$	Kg
28-01-2021	Phenol	Deepak Phenolics, Hindustan Organics Chemicals Ltd., SI Group India Pvt. Ltd.	Thailand		990.8	US\$	MT
19-02-2021	Aniline	GNFC	China PR	5 years from imposition of provisional duty i.e. 29th July 2020	121.8	US\$	MT

*Reference price for duty imposition.

DGTR filings (Investigation initiated)

Date	Chemical	Imports from	Filed by
12-02-2021	Polytetrafluoroethylene (Sunset Review)	Russia	Gujarat Fluorochemicals Limited
19-02-2021	R134a	China PR	SRF
26-02-2021	N, N-Dicyclohexyl Carbodiimide (DCC)	China PR	Clean Science and Tech

ADD reinstated

Date	Chemical	Filed by	Imports from	Period	Earlier maximum duty	Current maximum duty	Currency	Unit
27-01-2021	PTFE	Gujarat Fluorochemicals	China PR	5 years	2,637.0	2,637.0	US\$	MT

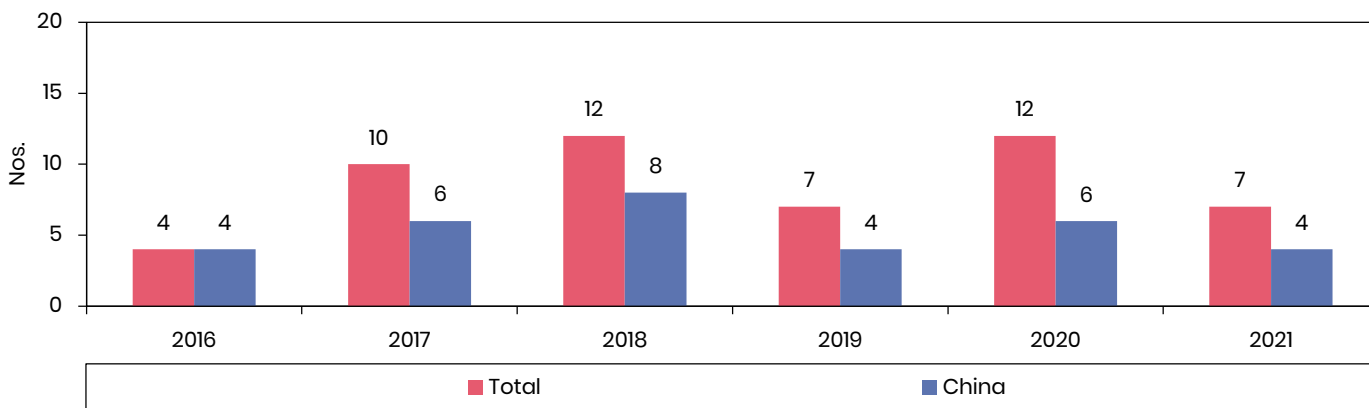
ADD terminated

Date	Chemical	Imports from	Filed by
27-01-2021	Soda Ash (Countervailing Duty)	Turkey	DCW, RSPL, GHCL

ADD/NSR denied

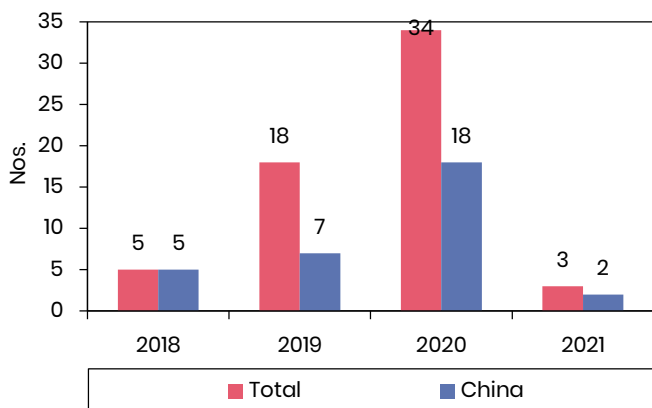
Date	Chemical	Imports from	Filed by
20-01-2021	Methylene Chloride	China PR	Gujarat Fluorochemicals, TGV SRAAC, Chemplast Sanmar

ADD – Imposed over the years



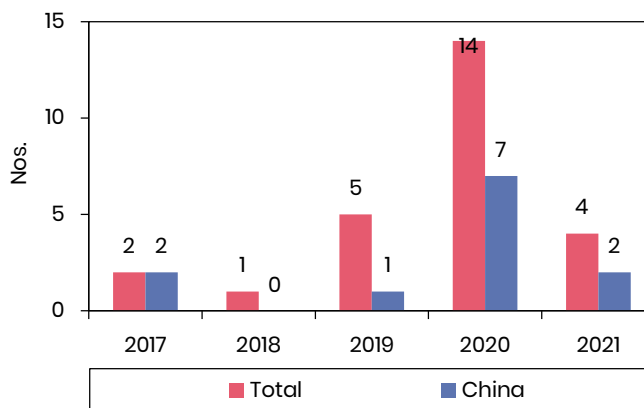
Source: DGTR, B&K Research

ADD – Investigation initiated over the years

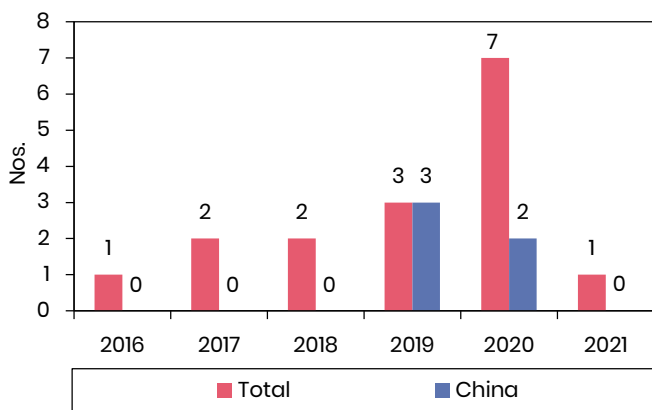


Source: DGTR, B&K Research

ADD – Reinstated over the years

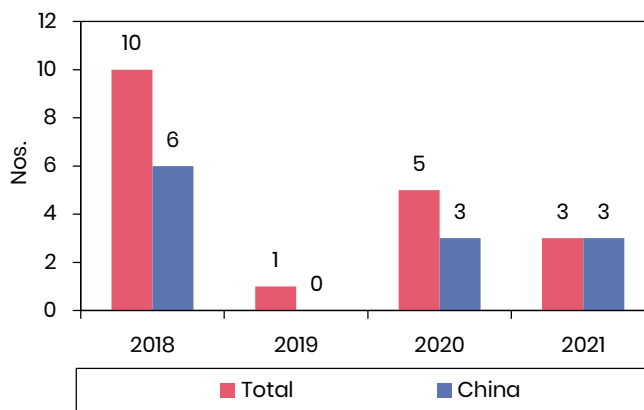


ADD – Terminated over the years



Source: DGTR, B&K Research

ADD – Denied over the years



ADD expiring in 2021

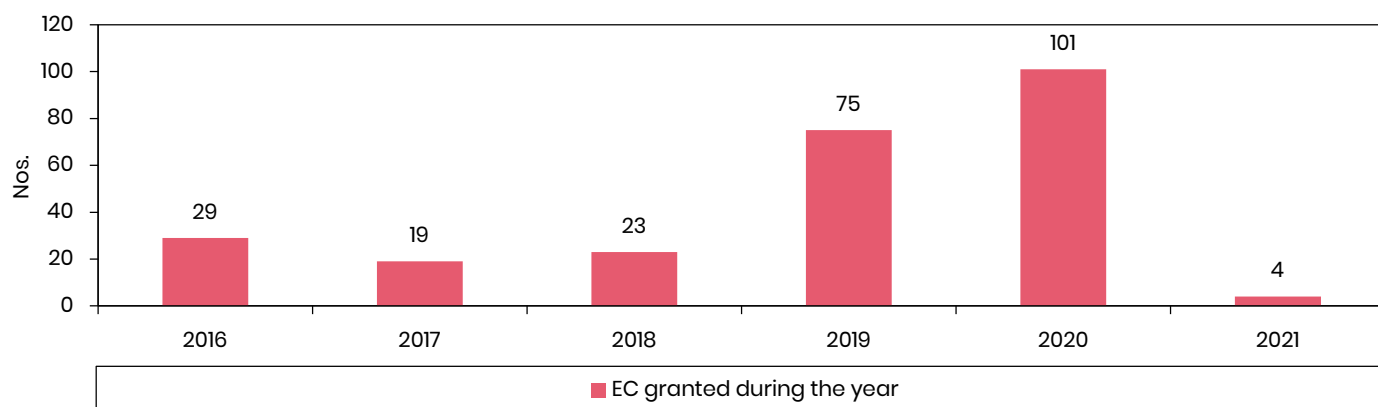
S.No.	Product	Filed by	Country (ies) involved	Expiry date	Remark
1	Methylene Chloride	Gujarat Fluorochemicals, TGV SRAAC, Chemplast Sanmar	China PR, Russia	31-01-2021	Expired
2	Phthalic Anhydrite	IG Petrochemicals, Thirumalai Chemicals. SI Group India Pvt. Ltd.	Russia, Japan	31-01-2021	Reinstated for Russia
	Melamine	GSFC	China PR	28-02-2021	Extended till 31st March 2021
3	Polypropylene - I	Reliance Industries	Oman, Saudi Arabia, Singapore	07-03-2021	
4	Phenol	Hindustan Organic Chemicals, SI Group India Ltd.	EU, Singapore, Korea RP	07-03-2021	
5	Ofloxacin	Aarti Industries	China PR	14-03-2021	
6	Resorcinol	Atul Ltd.	China PR, Japan	20-03-2021	
7	2-Ethyl Hexanol	Andhra Petro	EU, Indonesia, Korea RP, Malaysia, Saudi Arabia, Chinese Taipei, USA	28-03-2021	
8	N-Butanol	Andhra Petro	EU, Malaysia, Singapore, South Africa, USA	12-04-2021	
9	Barium Carbonate	Solvay Vishnu Barium	China PR	20-04-2021	
10	Methyl Ethyl Ketone	Cetex Petrochemical	China PR, Japan, South Africa, Chinese Taipei	23-04-2021	
11	Methyl Acetoacetate	Laxmi Organics	China PR, USA	30-05-2021	
12	1,1,1,2-Tetrafluoroethane or R-134 a of all types	SRF, Century Enka	China PR, Japan	10-07-2021	

EC granted for the month

Date	Company Name	Project	Proposed capacity (tpa)	Location
10-02-2021	Laksh Fine Chem	API and intermediates	1,140	Anand, Gujarat
10-02-2021	Petrosol Multi Color LLP	Solvent/Reactive/Acid Dyes	5,400	Saykha, Gujarat
10-02-2021	Narmada Organics	API and intermediates & R&D	840	Bharuch, Gujarat

Source: Ministry of Environment, Forest and Climate Change, State Environment Impact Assessment Authority, Gujarat, B&K Research

EC – Granted over the years



Source: Ministry of Environment, Forest and Climate Change, State Environment Impact Assessment Authority, Gujarat, B&K Research

Insider trading

Company	Date	Buyer/ Seller	Buy/Sell	Quantity
Bhageria Industries	02-Feb-21	Promoter	Buy	2,399
Dhanuka Agritech	04-Feb-21	Promoter Group	Sell	83,000
Godrej Agrovvet	15-Feb-21	Promoter	Buy	7,755
Godrej Agrovvet	16-Feb-21	Promoter	Buy	13,548
Aarti Industries	16-Feb-21	Director & Promoter	Sell	3,100
Advanced Enzymes	16-Feb-21	Promoter Group	Sell	15,500
Godrej Agrovvet	17-Feb-21	Promoter	Buy	5,002
Aarti Industries	18-Feb-21	Promoter	Sell	4,511
		Promoter Group	Sell	27,000
Bhageria Industries	18-Feb-21	Promoter Group	Buy	2,087
Godrej Agrovvet	18-Feb-21	Promoter	Buy	9,000
Aarti Industries	19-Feb-21	Promoter Group & Director	Sell	18,000
Bhageria Industries	19-Feb-21	Promoter Group	Buy	7,913
NOCIL	22-Feb-21	KMP	Sell	65,000
Godrej Agrovvet	22-Feb-21	Promoter	Buy	8,910
Godrej Agrovvet	24-Feb-21	Promoter	Buy	19,384
Bhageria Industries	24-Feb-21	Promoter Group	Buy	27,261
Aarti Industries	24-Feb-21	Promoter Group	Sell	20,000
Aarti Industries	25-Feb-21	Promoter Group	Sell	3,552
Deepak Fertilizers	25-Feb-21	Promoter	Buy	117,115
Godrej Agrovvet Limited	25-Feb-21	Promoter	Buy	27,380
Aarti Industries	26-Feb-21	Promoter Group	Sell	18,907
Deepak Fertilizers	26-Feb-21	Promoter	Buy	50,000
Godrej Agrovvet Limited	26-Feb-21	Promoter	Buy	12,231

Management interviews**SH Kelkar, Group CEO: Kedar Vaze**

<https://www.cnbctv18.com/videos/earnings/confident-of-achieving-43-gross-margins-in-next-few-quarters-says-sh-kelkar--cos-kedar-vaze-8318101.htm>

IOL Chemicals, Joint MD: Sandeep Garg

<https://www.zeebiz.com/market-news/news-exclusive-in-chat-with-anil-singhvi-iol-chemicals-joint-md-sandeep-garg-discusses-q3-results-business-outlook-149615>

Kiri Industries, MD: Manish Kiri

<https://www.cnbctv18.com/videos/earnings/expect-q4-to-be-normalized-reducing-dependency-on-chinese-imports-kiri-industries-8294921.htm>

<https://twitter.com/CNBCTV18News/status/1360113859982286850>

Balaji Amines, MD: Ram Reddy

<https://twitter.com/CNBCTV18News/status/1359001564589924352?s=19>

Sajjan India, Promoter: Madhav Prasad Aggarwal

<https://www.indianchemicalnews.com/interviews/we-are-setting-up-a-new-manufacturing-plant-to-produce-new-agro-molecules-m-p-aggarwal-promoter-sajjan-india-49>

Vinati Organics, MD: Vinati Saraf Mutreja

<https://twitter.com/CNBCTV18News/status/1356841154034061313?s=19>

Deepak Nitrite, CMD: Deepak Mehta; Tata Chemicals, MD and CEO: R. Mukundan; GHCL, MD: R.S. Jalan; Covestro, MD: Anand Srinivasan

<https://www.indianchemicalnews.com/chemical/industry-welcomes-union-budget-2021-22-7493>

GSFC, ED (Finance) and CFO: V.D. Nanavati

https://twitter.com/cnbc_awaaz/status/1357204651213348864?s=21

Galaxy Surfactants, MD: Unnathan Shekhar

<https://www.cnbctv18.com/videos/earnings/surge-in-freight-rate-a-temporary-phenomenon-galaxy-surfactants-8254191.htm>

<https://www.indianchemicalnews.com/interviews/our-capex-plan-is-rs-170-crore-each-in-fy2020-21-and-fy2021-22-mr-unnathan-shekhar-md-galaxy-surfactants-ltd-47>

Yasho Industries, CMD: Parag Jhaveri

<https://www.indianchemicalnews.com/interviews/we-will-grow-at-10-15-in-revenue-and-30-35-in-profit-in-fy20-21-parag-jhaveri-cmd-yasho-industries-48>

Aarti Industries, Chairman and MD: Rajendra V. Gogri

[https://twitter.com/CNBCTV18News/status/1355003379039145985?s=19\[29/01](https://twitter.com/CNBCTV18News/status/1355003379039145985?s=19[29/01)

Tata Chemicals, MD & CEO: R. Mukundan

<https://twitter.com/CNBCTV18News/status/1355009196949790720?s=19>

GHCL, MD: R.S. Jalan

<https://twitter.com/ZeeBusiness/status/1355048682937176064>

3QFY21 Results Review: Active companies

(Rs mn)	3QFY20	3QFY21	YoY (%) /bps	2QFY21	QoQ (%) /bps	9MFY20	9MFY21	YoY (%) /bps
Aarti Industries								
Net sales	10,836	11,868	9.5	11,726	1.2	31,101	32,968	6.0
EBITDA	2,542	2,850	12.1	2,543	12.1	7,584	7,212	(4.9)
EBITDA margin (%)	23.5	24.0	50	21.7	230	24.4	21.9	(250)
Adjusted PAT	1,398	1,653	18.2	1,402	17.8	4,255	3,874	(9.0)
Adjusted PAT margin (%)	12.9	13.9	100	12.0	190	13.7	11.8	(190)
EPS (Rs)	8.0	9.5	18.2	8.0	17.8	24.5	22.2	(9.1)
Atul								
Net sales	10,414	9,529	(8.5)	10,021	(4.9)	31,276	26,155	(16.4)
EBITDA	2,493	2,430	(2.5)	2,612	(7.0)	7,140	6,628	(7.2)
EBITDA margin (%)	23.9	25.5	160	26.1	(60)	22.8	25.3	250
Adjusted PAT	1,689	1,886	11.6	1,744	8.2	5,252	4,807	(8.5)
Adjusted PAT margin (%)	16.2	19.8	360	17.4	240	16.8	18.4	160
EPS (Rs)	56.9	63.6	11.6	58.8	8.2	177.1	162.1	(8.5)
BASF India								
Net sales	20,104	25,047	24.6	24,571	1.9	56,886	67,277	18.3
EBITDA	393	2,399	510.4	1,611	49.0	1,971	4,162	111.1
EBITDA margin (%)	2.0	9.6	760	6.6	300	3.5	6.2	270
Adjusted PAT	(175)	1,152	(758.0)	859	34.0	103	1,719	1,569.4
Adjusted PAT margin (%)	(0.9)	4.6	550	3.5	110	0.2	2.6	240
EPS (Rs)	(4.0)	26.6	(758.0)	19.9	34.0	2.4	39.7	1,569.4
Gujarat Fluorochemicals								
Net sales	5,712	6,342	11.0	6,173	2.7	19,737	18,102	(8.3)
EBITDA	1,292	1,566	21.2	1,649	(5.1)	4,434	4,768	7.5
EBITDA margin (%)	22.6	24.7	210	26.7	(200)	22.5	26.3	380
Adjusted PAT	406	1,019	151.2	791	28.9	1,611	2,508	55.7
Adjusted PAT margin (%)	7.1	16.1	900	12.8	330	8.2	13.9	570
EPS (Rs)	3.7	9.3	151.2	7.2	28.9	14.7	22.8	55.7
Galaxy Surfactants								
Net sales	6,259	6,747	7.8	7,187	(6.1)	19,397	20,005	3.1
EBITDA	821	1,195	45.4	1,215	(1.7)	2,663	3,315	24.5
EBITDA margin (%)	13.1	17.7	460	16.9	80	13.7	16.6	290
Adjusted PAT	480	852	77.6	817	4.3	1,676	2,235	33.3
Adjusted PAT margin (%)	7.7	12.6	490	11.4	120	8.6	11.2	260
EPS (Rs)	13.5	24.0	77.6	23.1	4.3	47.3	63.0	33.3

(Rs mn)	3QFY20	3QFY21	YoY (%) /bps	2QFY21	QoQ (%) /bps	9MFY20	9MFY21	YoY (%) /bps
Navin Fluorine International								
Net sales	2,605	3,091	18.7	3,189	(3.1)	7,850	8,430	7.4
EBITDA	655	805	22.9	907	(11.3)	1,947	2,250	15.6
EBITDA margin (%)	25.1	26.0	90	28.4	(240)	24.8	26.7	190
Adjusted PAT	454	589	29.7	678	(13.2)	1,359	1,827	34.5
Adjusted PAT margin (%)	17.4	19.1	170	21.3	(220)	17.3	21.7	440
EPS (Rs)	9.2	11.9	29.6	13.7	(13.2)	27.5	36.9	34.4
Neogen Chemicals								
Net sales	823	852	3.5	820	3.9	2,238	2,437	8.9
EBITDA	160	168	5.3	154	9.1	422	458	8.5
EBITDA margin (%)	19.4	19.8	40	18.8	100	18.9	18.8	(10)
Adjusted PAT	82	85	3.9	74	15.4	213	220	3.1
Adjusted PAT margin (%)	10.0	10.0	-	9.0	100	9.5	9.0	(50)
EPS (Rs)	3.5	3.6	3.9	3.2	15.4	9.1	9.4	3.1
SRF								
Net sales	18,075	21,294	17.8	20,630	3.2	52,418	57,055	8.8
EBITDA	4,029	5,661	40.5	5,725	(1.1)	10,936	15,019	37.3
EBITDA margin (%)	22.3	26.6	430	27.8	(120)	20.9	26.3	540
Adjusted PAT	2,196	3,247	47.9	3,152	3.0	6,097	8,170	34.0
Adjusted PAT margin (%)	12.1	15.2	310	15.3	(10)	11.6	14.3	270
EPS (Rs)	38.2	54.8	43.5	54.8	(0.0)	106.1	140.5	32.4
Sudarshan Chemical Industries								
Net sales	4,163	5,016	20.5	4,232	18.5	12,389	12,710	2.6
EBITDA	629	796	26.5	677	17.7	1,923	2,003	4.1
EBITDA margin (%)	15.1	15.9	80	16.0	(10)	15.5	15.8	30
Adjusted PAT	300	392	30.7	303	29.1	1,039	877	(15.6)
Adjusted PAT margin (%)	7.2	7.8	60	7.2	60	8.4	6.9	(150)
EPS (Rs)	4.3	5.7	30.7	4.4	29.1	15.0	12.7	(15.6)

3QFY21 Results Review: Passive companies

(Rs mn)	3QFY20	3QFY21	YoY (%) /bps	2QFY21	QoQ (%) /bps	9MFY20	9MFY21	YoY (%) /bps
Alkyl Amines								
Net sales	2,569	3,239	26.1	2,913	11.2	7,581	8,603	13.5
EBITDA	726	1,231	69.6	953	29.2	1,894	2,957	56.1
EBITDA margin (%)	28.2	38.0	980	32.7	530	25.0	34.4	940
Adjusted PAT	442	845	91.1	655	29.0	1,332	2,027	52.2
Adjusted PAT margin (%)	17.2	26.1	890	22.5	360	17.6	23.6	600
EPS (Rs)	21.7	41.4	91.1	32.1	29.0	65.3	99.4	52.2
Apcotex Industries								
Net sales	1,096	1,646	50.2	1,293	27.3	3,804	3,537	(7.0)
EBITDA	5	243	4,847.7	186	30.8	255	385	51.2
EBITDA margin (%)	0.4	14.8	1,440	14.4	40	6.7	10.9	420
Adjusted PAT	(14)	166	(1,267.9)	116	42.7	136	216	59.0
Adjusted PAT margin (%)	(1.3)	10.1	1,140	9.0	110	3.6	6.1	250
EPS (Rs)	(0.3)	3.2	(1,267.9)	2.2	42.7	2.6	4.2	59.0
Balaji Amines								
Net sales	2,275	3,921	72.4	2,824	38.9	6,777	8,974	32.4
EBITDA	428	1,174	174.0	737	59.3	1,251	2,443	95.3
EBITDA margin (%)	18.8	29.9	1,110	26.1	380	18.5	27.2	870
Adjusted PAT	207	789	281.4	442	78.5	679	1,547	127.8
Adjusted PAT margin (%)	9.1	20.1	1,100	15.7	440	10.0	17.2	720
EPS (Rs)	6.4	24.4	281.4	13.6	78.5	21.0	47.7	127.8
Bhansali Engineering								
Net sales	2,601	4,113	58.1	3,079	33.6	8,529	8,185	(4.0)
EBITDA	246	1,840	649.0	463	297.3	736	2,270	208.4
EBITDA margin (%)	9.4	44.8	3,540	15.0	2,980	8.6	27.7	1,910
Adjusted PAT	169	1,363	705.6	355	283.9	593	1,704	187.2
Adjusted PAT margin (%)	6.5	33.1	2,660	11.5	2,160	7.0	20.8	1,380
EPS (Rs)	1.0	8.2	705.6	2.1	283.9	3.6	10.3	187.2
Bodal Chemicals								
Net sales	3,264	3,661	12.2	3,097	18.2	10,063	7,937	(21.1)
EBITDA	230	386	67.8	227	69.8	977	404	(58.6)
EBITDA margin (%)	7.1	10.5	340	7.3	320	9.7	5.1	(460)
Adjusted PAT	146	265	81.2	116	128.2	644	184	(71.4)
Adjusted PAT margin (%)	4.5	7.2	270	3.8	340	6.4	2.3	(410)
EPS (Rs)	1.2	2.2	81.2	1.0	128.2	5.3	1.5	(71.4)

(Rs mn)	3QFY20	3QFY21	YoY (%) /bps	2QFY21	QoQ (%) /bps	9MFY20	9MFY21	YoY (%) /bps
Camlin Fine Sciences								
Net sales	2,739	2,979	8.8	2,568	16.0	7,563	8,605	13.8
EBITDA	296	468	58.3	336	39.0	951	1,315	38.2
EBITDA margin (%)	10.8	15.7	490	13.1	260	12.6	15.3	270
Adjusted PAT	52	154	199.0	59	161.8	276	367	32.7
Adjusted PAT margin (%)	1.9	5.2	330	2.3	290	3.7	4.3	60
EPS (Rs)	0.4	1.3	199.0	0.5	161.8	2.3	3.0	32.7
Clariant Chemicals (India)								
Net sales	1,883	2,021	7.3	1,808	11.8	5,878	5,119	(12.9)
EBITDA	55	257	367.6	186	38.2	472	550	16.5
EBITDA margin (%)	2.9	12.7	980	10.3	240	8.0	10.7	270
Adjusted PAT	33	834	2,457.7	71	1,069.4	182	932	413.2
Adjusted PAT margin (%)	1.7	41.3	3,960	3.9	3,740	3.1	18.2	1,510
EPS (Rs)	1.4	36.1	2,457.7	3.1	1,069.4	7.9	40.4	413.2
DCM Shriram								
Net sales	21,882	21,504	(1.7)	20,406	5.4	58,263	60,990	4.7
EBITDA	2,880	4,038	40.2	2,218	82.0	8,493	7,915	(6.8)
EBITDA margin (%)	13.2	18.8	560	10.9	790	14.6	13.0	(160)
Adjusted PAT	1,901	2,535	33.4	1,190	113.0	5,298	4,416	(16.7)
Adjusted PAT margin (%)	8.7	11.8	310	5.8	600	9.1	7.2	(190)
EPS (Rs)	12.2	16.2	33.4	7.6	114.0	33.8	28.3	(16.5)
Deepak Nitrite								
Net sales	11,199	12,347	10.3	9,873	25.1	31,742	28,965	(8.7)
EBITDA	2,583	3,350	29.7	2,760	21.4	7,625	7,926	3.9
EBITDA margin (%)	23.1	27.1	400	27.9	(80)	24.0	27.4	340
Adjusted PAT	1,567	2,166	38.2	1,702	27.2	4,387	4,857	10.7
Adjusted PAT margin (%)	14.0	17.5	350	17.2	30	13.8	16.8	300
EPS (Rs)	11.5	15.9	38.2	12.5	27.2	32.2	35.6	10.7
Dharamsi Morarji								
Net sales	405	473	17.0	498	(4.9)	1,411	1,362	(3.5)
EBITDA	59	80	36.5	93	(13.7)	244	251	3.1
EBITDA margin (%)	14.6	17.0	240	18.7	(170)	17.3	18.4	110
Adjusted PAT	130	47	(63.8)	117	(59.8)	247	218	(11.6)
Adjusted PAT margin (%)	32.0	9.9	(2,210)	23.5	(1,360)	17.5	16.0	(150)
EPS (Rs)	5.2	1.9	(63.8)	4.7	(59.8)	9.9	8.7	(11.6)

(Rs mn)	3QFY20	3QFY21	YoY (%) /bps	2QFY21	QoQ (%) /bps	9MFY20	9MFY21	YoY (%) /bps
Fine Organic Industries								
Net sales	2,662	2,993	12.5	2,710	10.5	7,908	8,103	2.5
EBITDA	574	472	(17.7)	512	(7.8)	1,831	1,509	(17.6)
EBITDA margin (%)	21.6	15.8	(580)	18.9	(310)	23.2	18.6	(460)
Adjusted PAT	358	287	(19.9)	312	(8.1)	1,304	885	(32.1)
Adjusted PAT margin (%)	13.5	9.6	(390)	11.5	(190)	16.5	10.9	(560)
EPS (Rs)	11.7	9.4	(19.9)	10.2	(8.1)	42.5	28.9	(32.1)
Gujarat Alkalies								
Net sales	6,556	6,502	(0.8)	6,383	1.9	21,030	17,581	(16.4)
EBITDA	944	786	(16.7)	1,046	(24.8)	4,978	2,617	(47.4)
EBITDA margin (%)	14.4	12.1	(230)	16.4	(430)	23.7	14.9	(880)
Adjusted PAT	596	332	(44.2)	660	(49.7)	3,207	1,311	(59.1)
Adjusted PAT margin (%)	9.1	5.1	(400)	10.3	(520)	15.2	7.5	(770)
EPS (Rs)	8.1	4.5	(44.2)	9.0	(49.7)	43.7	17.8	(59.1)
GHCL								
Net sales	8,403	8,151	(3.0)	8,065	1.1	25,646	20,738	(19.1)
EBITDA	1,741	2,059	18.2	1,593	29.2	5,816	4,413	(24.1)
EBITDA margin (%)	20.7	25.3	460	19.8	550	22.7	21.3	(140)
Adjusted PAT	1,065	1,176	10.4	845	39.2	3,213	2,150	(33.1)
Adjusted PAT margin (%)	12.7	14.4	170	10.5	390	12.5	10.4	(210)
EPS (Rs)	10.9	12.0	10.4	8.9	34.9	32.8	22.2	(32.1)
GNFC								
Net sales	12,777	15,082	18.0	11,872	27.0	38,200	33,957	(11.1)
EBITDA	1,670	3,630	117.3	1,942	86.9	3,791	5,329	40.6
EBITDA margin (%)	13.1	24.1	1,100	16.4	770	9.9	15.7	580
Adjusted PAT	1,135	2,426	113.8	1,409	72.2	2,680	3,864	44.2
Adjusted PAT margin (%)	8.9	16.1	720	11.9	420	7.0	11.4	440
EPS (Rs)	7.3	15.6	113.8	9.1	72.2	17.2	24.9	44.2
IG Petrochemicals								
Net sales	2,756	3,148	14.2	2,424	29.9	7,901	6,992	(11.5)
EBITDA	172	963	461.2	418	130.7	558	1,538	175.6
EBITDA margin (%)	6.2	30.6	2,440	17.2	1,340	7.1	22.0	1,490
Adjusted PAT	45	632	1,296.5	234	169.7	170	897	427.3
Adjusted PAT margin (%)	1.6	20.1	1,850	9.7	1,040	2.2	12.8	1,060
EPS (Rs)	1.5	20.5	1,296.5	7.6	169.7	5.5	29.1	427.3

(Rs mn)	3QFY20	3QFY21	YoY (%) /bps	2QFY21	QoQ (%) /bps	9MFY20	9MFY21	YoY (%) /bps
INEOS Styrolution								
Net sales	3,397	4,848	42.7	3,946	22.9	12,200	9,949	(18.4)
EBITDA	44	1,441	3,138.8	634	127.3	436	1,871	329.1
EBITDA margin (%)	1.3	29.7	2,840	16.1	1,360	3.6	18.8	1,520
Adjusted PAT	48	1,030	2,040.9	358	187.4	240	1,188	395.5
Adjusted PAT margin (%)	1.4	21.2	1,980	9.1	1,210	2.0	11.9	990
EPS (Rs)	2.7	58.6	2,040.9	20.4	187.4	13.6	67.6	395.5
Meghmani Organics								
Net sales	5,222	6,577	25.9	6,256	5.1	16,708	17,113	2.4
EBITDA	1,047	1,591	52.0	1,725	(7.8)	3,501	4,280	22.3
EBITDA margin (%)	20.0	24.2	420	27.6	(340)	21.0	25.0	400
Adjusted PAT	476	628	32.0	811	(22.6)	1,889	1,831	(3.0)
Adjusted PAT margin (%)	9.1	9.6	50	13.0	(340)	11.3	10.7	(60)
EPS (Rs)	1.9	2.5	32.0	3.2	(22.6)	7.4	7.2	(3.0)
Oriental Carbon and Chemicals								
Net sales	902	1,169	29.6	905	29.1	2,911	2,554	(12.3)
EBITDA	240	408	70.2	325	25.6	776	783	0.9
EBITDA margin (%)	26.6	34.9	830	35.9	(100)	26.7	30.6	390
Adjusted PAT	168	296	76.2	221	34.1	585	522	(10.7)
Adjusted PAT margin (%)	18.6	25.3	670	24.4	90	20.1	20.5	40
EPS (Rs)	16.8	29.6	76.2	22.0	34.1	58.5	52.2	(10.7)
Oriental Aromatics								
Net sales	1,754	1,907	8.7	1,838	3.7	5,918	4,878	(17.6)
EBITDA	277	534	92.9	491	8.8	909	1,208	32.9
EBITDA margin (%)	15.8	28.0	1,220	26.7	130	15.4	24.8	940
Adjusted PAT	176	364	106.1	332	9.4	623	795	27.6
Adjusted PAT margin (%)	10.1	19.1	900	18.1	100	10.5	16.3	580
EPS (Rs)	5.2	10.8	106.1	9.9	9.4	18.5	23.6	27.6
Plastiblends India								
Net sales	1,490	1,600	7.4	1,424	12.4	4,696	4,057	(13.6)
EBITDA	212	196	(7.6)	167	17.4	564	493	(12.6)
EBITDA margin (%)	14.2	12.2	(200)	11.7	50	12.0	12.1	10
Adjusted PAT	114	114	(0.2)	76	49.3	322	252	(21.7)
Adjusted PAT margin (%)	7.7	7.1	(60)	5.3	180	6.9	6.2	(70)
EPS (Rs)	4.4	4.4	(0.2)	2.9	49.3	12.4	9.7	(21.7)

(Rs mn)	3QFY20	3QFY21	YoY (%) /bps	2QFY21	QoQ (%) /bps	9MFY20	9MFY21	YoY (%) /bps
Rossari Biotech								
Net sales	1,624	2,100	29.3	1,717	22.3	4,405	4,911	11.5
EBITDA	301	340	13.0	301	13.3	807	878	8.8
EBITDA margin (%)	18.5	16.2	(230)	17.5	(130)	18.3	17.9	(40)
Adjusted PAT	183	216	18.4	207	4.3	502	578	15.3
Adjusted PAT margin (%)	11.2	10.3	(90)	12.1	(180)	11.4	11.8	40
EPS (Rs)	3.6	4.2	15.8	4.0	4.3	9.9	11.2	13.4
SH Kelkar								
Net sales	2,876	3,754	30.5	3,519	6.7	8,353	9,186	10.0
EBITDA	431	667	54.8	711	(6.2)	1,277	1,688	32.1
EBITDA margin (%)	15.0	17.8	280	20.2	(240)	15.3	18.4	310
Adjusted PAT	259	354	36.5	539	(34.4)	598	1,046	74.9
Adjusted PAT margin (%)	9.0	9.4	40	15.3	(590)	7.2	11.4	420
EPS (Rs)	1.8	2.5	36.5	3.8	(34.4)	4.2	7.4	74.9
Supreme Petrochem								
Net sales	6,191	9,288	50.0	6,922	34.2	20,523	19,112	(6.9)
EBITDA	118	2,393	1,923.2	1,164	105.6	1,093	3,525	222.5
EBITDA margin (%)	1.9	25.8	2,390	16.8	900	5.3	18.4	1,310
Adjusted PAT	21	1,715	8,170.9	862	99.0	791	2,457	210.5
Adjusted PAT margin (%)	0.3	18.5	1,820	12.4	610	3.9	12.9	900
EPS (Rs)	0.2	17.8	8,170.9	8.9	99.0	8.2	25.4	210.1
Thirumalai Chemicals								
Net sales	2,448	3,178	29.8	2,677	18.7	8,034	6,990	(13.0)
EBITDA	145	734	407.0	427	72.0	667	1,027	54.0
EBITDA margin (%)	5.9	23.1	1,720	15.9	720	8.3	14.7	640
Adjusted PAT	(13)	366	(2,936.4)	165	121.4	207	330	59.2
Adjusted PAT margin (%)	(0.5)	11.5	1,200	6.2	530	2.6	4.7	210
EPS (Rs)	(0.1)	3.6	(2,936.4)	1.6	121.4	2.0	3.2	59.2
Tata Chemicals								
Net sales	26,234	26,061	(0.7)	26,094	(0.1)	79,787	75,636	(5.2)
EBITDA	4,735	4,719	(0.3)	3,863	22.2	15,490	12,179	(21.4)
EBITDA margin (%)	18.0	18.1	10	14.8	330	19.4	16.1	(330)
Adjusted PAT	1,462	1,609	10.0	705	128.3	6,626	2,446	(63.1)
Adjusted PAT margin (%)	5.6	6.2	60	2.7	350	8.3	3.2	(510)
EPS (Rs)	5.7	6.3	10.0	2.8	128.3	26.0	9.6	(63.1)

(Rs mn)	3QFY20	3QFY21	YoY (%) /bps	2QFY21	QoQ (%) /bps	9MFY20	9MFY21	YoY (%) /bps
Transpek Industry								
Net sales	1,659	910	(45.1)	773	17.7	4,038	2,429	(39.8)
EBITDA	442	141	(68.0)	65	117.2	781	295	(62.2)
EBITDA margin (%)	26.6	15.5	(1,110)	8.4	710	19.3	12.2	(710)
Adjusted PAT	299	80	(73.2)	6	1,307.0	487	124	(74.6)
Adjusted PAT margin (%)	18.0	8.8	(920)	0.7	810	12.1	5.1	(700)
EPS (Rs)	53.6	14.4	(73.2)	1.0	1,307.0	87.2	22.1	(74.6)
Valiant Organics								
Net sales	1,606	2,066	28.6	1,667	23.9	5,143	5,208	1.3
EBITDA	385	515	33.8	471	9.3	1,425	1,452	1.9
EBITDA margin (%)	24.0	24.9	90	28.3	(340)	27.7	27.9	20
Adjusted PAT	296	316	6.7	307	2.9	1,021	870	(14.8)
Adjusted PAT margin (%)	18.4	15.3	(310)	18.4	(310)	19.8	16.7	(310)
EPS (Rs)	24.4	26.0	6.7	25.3	2.9	84.0	71.6	(14.8)
Vinati Organics								
Net sales	2,385	2,235	(6.3)	2,194	1.8	7,784	6,745	(13.3)
EBITDA	830	721	(13.1)	841	(14.3)	3,071	2,534	(17.5)
EBITDA margin (%)	34.8	32.3	(250)	38.3	(600)	39.5	37.6	(190)
Adjusted PAT	668	641	(4.0)	620	3.4	2,592	1,985	(23.4)
Adjusted PAT margin (%)	28.0	28.7	70	28.3	40	33.3	29.4	(390)
EPS (Rs)	6.5	6.2	(4.0)	6.0	3.4	25.2	19.3	(23.4)

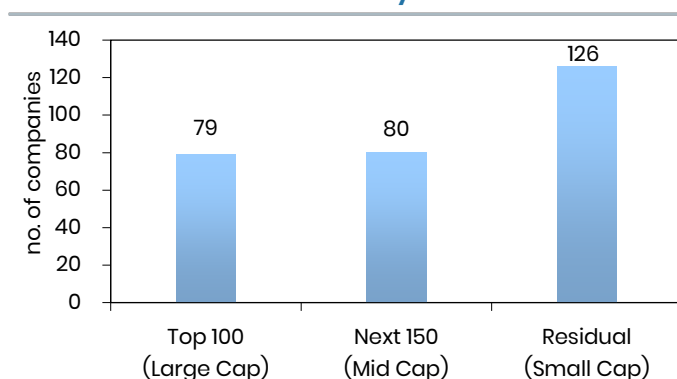
Chemicals – Peer valuation

Company	Rating	CMP (Rs)	TP (Rs)	Mkt. Cap (Rs mn)	Net sales (Rs mn)				EBITDA (Rs mn)				Adjusted PAT (Rs mn)			
					FY20	FY21E	FY22E	FY23E	FY20	FY21E	FY22E	FY23E	FY20	FY21E	FY22E	FY23E
Aarti Industries	Hold	1,236	1,165	215,271	41,863	45,000	52,272	61,868	9,773	10,189	12,724	14,941	5,361	5,523	6,896	8,097
Atul	BUY	6,607	7,000	196,082	40,098	38,502	47,077	55,033	9,020	9,051	10,850	13,020	6,665	6,224	7,606	9,220
BASF India	BUY	2,007	2,300	86,870	75,294	90,260	93,721	97,470	2,729	5,735	6,520	6,847	510	2,559	3,069	3,287
Galaxy Surfactants	BUY	2,201	2,440	78,011	25,964	27,160	31,408	36,177	3,689	4,328	4,807	5,653	2,304	2,846	3,147	3,763
Gujarat Fluorochemicals	BUY	578	700	63,489	26,064	26,020	30,291	40,114	4,391	6,743	7,782	10,370	2,224	3,076	3,354	5,151
Navin Fluorine Intl	Hold	2,482	2,400	122,804	10,616	11,750	13,901	19,700	2,635	3,160	3,923	5,317	1,938	2,440	2,925	3,945
Neogen Chemicals	BUY	835	730	19,494	3,061	3,318	4,542	5,389	581	633	868	1,053	287	304	488	609
SRF	BUY	5,540	6,135	328,242	72,094	79,033	93,166	111,698	14,550	20,317	22,371	27,116	7,955	10,923	12,583	15,804
Sudarshan Chemical	BUY	537	600	37,203	16,809	17,703	20,861	23,413	2,463	2,805	3,417	3,885	1,312	1,286	1,730	2,002

Company	Adjusted EPS (Rs)				PER (x)				RoE (%)				RoCE (%)			
	FY20	FY21E	FY22E	FY23E	FY20	FY21E	FY22E	FY23E	FY20	FY21E	FY22E	FY23E	FY20	FY21E	FY22E	FY23E
Aarti Industries	30.8	31.7	39.6	46.5	40.2	39.0	31.2	26.6	19.1	17.0	17.8	17.5	14.0	12.4	13.8	14.9
Atul	224.5	209.7	256.3	310.6	29.4	31.5	25.8	21.3	22.7	18.2	18.9	19.4	26.5	22.6	23.1	23.7
BASF India	11.8	59.1	70.9	75.9	170.4	33.9	28.3	26.4	3.7	15.7	15.0	14.0	5.2	16.7	16.7	16.6
Galaxy Surfactants	65.0	80.3	88.8	106.2	33.9	27.4	24.8	20.7	23.7	24.2	22.5	22.6	23.9	24.3	23.8	24.8
Gujarat Fluorochemicals	20.2	28.0	30.5	46.9	28.6	20.6	18.9	12.3	6.2	8.0	8.2	11.6	9.6	10.8	11.3	15.7
Navin Fluorine Intl	39.2	49.3	59.1	79.7	63.4	50.3	42.0	31.1	15.6	15.9	16.5	19.5	20.1	21.5	21.5	24.7
Neogen Chemicals	12.3	13.0	20.9	26.1	68.0	64.1	39.9	32.0	25.3	18.8	25.9	25.9	21.1	16.9	20.5	21.2
SRF	138.4	184.4	212.4	266.8	40.0	30.1	26.1	20.8	17.6	19.3	18.6	20.7	12.7	16.5	17.0	19.9
Sudarshan Chemical	18.9	18.6	25.0	28.9	28.4	28.9	21.5	18.6	22.4	19.7	22.8	22.4	16.3	15.4	16.8	17.7

Company	Net debt (Rs mn)				Net debt/EBITDA (x)				Price/Book Value (x)				EV/EBITDA (x)			
	FY20	FY21E	FY22E	FY23E	FY20	FY21E	FY22E	FY23E	FY20	FY21E	FY22E	FY23E	FY20	FY21E	FY22E	FY23E
Aarti Industries	18,507	23,046	22,781	21,285	1.9	2.3	1.8	1.4	7.2	6.1	5.1	4.3	23.9	23.4	18.7	15.8
Atul	(5,786)	(9,760)	(16,171)	(24,488)	(0.6)	(1.1)	(1.5)	(1.9)	6.2	5.3	4.5	3.8	21.1	20.6	16.6	13.2
BASF India	5,820	3,919	3,063	787	2.1	0.7	0.5	0.1	6.4	4.6	4.0	3.5	34.0	15.8	13.8	12.8
Galaxy Surfactants	2,651	1,633	1,280	(120)	0.7	0.4	0.3	(0.0)	7.3	6.1	5.1	4.3	21.9	18.4	16.5	13.8
Gujarat Fluorochemicals	13,681	8,998	6,617	6,797	3.1	1.3	0.9	0.7	1.7	1.6	1.5	1.4	17.6	10.8	9.0	6.8
Navin Fluorine Intl	(3,499)	(3,973)	(4,127)	(3,938)	(1.3)	(1.3)	(1.1)	(0.7)	8.7	7.4	6.5	5.6	45.3	37.6	30.3	22.4
Neogen Chemicals	1,308	1,478	2,073	2,421	2.3	2.3	2.4	2.3	12.5	11.6	9.3	7.5	35.8	33.1	24.9	20.8
SRF	37,229	31,418	30,957	28,011	2.6	1.5	1.4	1.0	6.5	5.1	4.6	4.0	25.1	17.7	16.1	13.1
Sudarshan Chemical	4,829	5,618	5,826	4,962	2.0	2.0	1.7	1.3	6.1	5.3	4.5	3.8	17.1	15.3	12.6	10.9

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