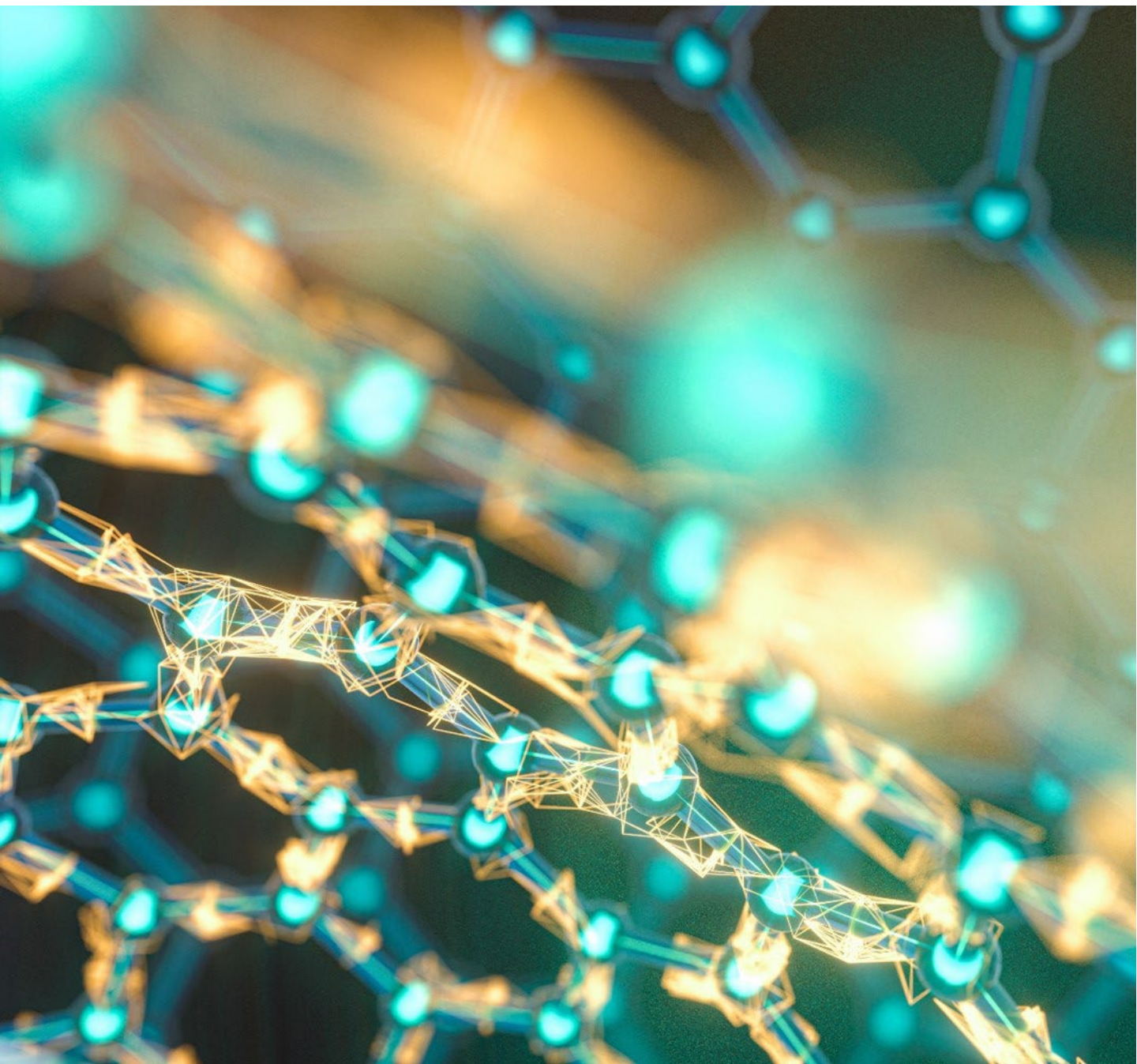




HOULIHAN LOKEY

CHEMICALS UPDATE

FALL 2021



Introduction

Dear Clients and Friends,

Houlihan Lokey is pleased to present its Chemicals Fall 2021 Industry Update to help provide you with an update on the current chemicals market as financial markets and the world at large continue to return to a standard operating environment.

In this issue, we have included relevant news stories, recent M&A transaction announcements, a public markets overview, and other industry insights to help you stay ahead in this evolving industry. We hope you find this quarterly update to be informative and that it serves as a valuable resource to you in staying abreast of the market. If there is additional content you would find useful for future updates, please don't hesitate to call or email us with your suggestions. We look forward to staying in touch with you.

Regards,

Chemicals Group Contacts

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Houlihan Lokey is the trusted advisor to more top decision-makers than any other independent global investment bank.

Advisor	Deals
1 Houlihan Lokey	210
2 Goldman Sachs & Co	172
3 JP Morgan	132
4 Evercore Partners	126
5 Morgan Stanley	123

Source: Refinitiv (formerly known as Thomson Reuters)

No. 1 U.S. M&A Advisor

Top 5 Global M&A Advisor

Leading Capital Markets Advisor

Advisor	Deals
1 Houlihan Lokey	106
2 PJT Partners Inc	63
3 Lazard	50
4 Rothschild & Co	46
5 Moelis & Co	39

Source: Refinitiv (formerly known as Thomson Reuters)

No. 1 Global Investment Banking Restructuring Advisor

1,400+ Transactions Completed Valued at More Than \$3.0 Trillion Collectively

Advisor	Deals
1 Houlihan Lokey	956
2 JP Morgan	876
3 Duff & Phelps	802
4 Morgan Stanley	599
5 BofA Securities Inc	542

Refinitiv (formerly known as Thomson Reuters). Announced or completed transactions.

No. 1 Global M&A Fairness Opinion Advisor Over the Past 20 Years

1,000+ Annual Valuation Engagements

Houlihan Lokey Financial Results

Fiscal Year 2021 Results

- Record Fiscal Year 2021 Revenues of \$1.53 Billion
- Fiscal Year 2021 Diluted EPS of \$4.55
- Adjusted Fiscal Year 2021 Diluted EPS of \$4.62

Fourth Quarter 2021 Results

- Fourth Quarter Fiscal 2021 Revenues of \$501 Million
- Fourth Quarter Fiscal 2021 Diluted EPS of \$1.44
- Adjusted Fourth Quarter Fiscal 2021 Diluted EPS of \$1.51
- Announces a 30% Increase in the Quarterly Dividend to \$0.43 per Share

Source: https://s23.q4cdn.com/362499416/files/doc_financials/2021/q4/HLI-Q4-FY21-Earnings-Release.pdf.

“Fiscal 2021 was a roller coaster year, with the first half led by restructuring and then followed by a very robust market for our M&A and valuation businesses. Houlihan Lokey’s employees, once again, rose to the challenge and achieved record revenues for the ninth consecutive fiscal year. Our business performed exceptionally well, and all three product lines did as they were designed to do. We remain committed to building upon a business model that will continue to provide growth and stability to our stakeholders.”

—Scott Beiser, Chief Executive Officer of Houlihan Lokey

Selected Transactions

Tombstones included herein represent transactions closed from 2018 forward.

Houlihan Lokey Media Mentions



Houlihan Lokey Expands Its Chemicals Coverage Capabilities with Senior Hire

November 4, 2021

“Houlihan Lokey announced that David Schneider has joined the firm as a Managing Director in the Industrials Group. He is based in New York and will bolster Houlihan Lokey’s coverage of the chemicals sector.

‘We are delighted that David has joined our global chemicals coverage team to better serve our clients in this important and growing sector,’ said William Peluchowski, Global Head of the Industrials Group at Houlihan Lokey. ‘His creativity, collaborative approach, and dedication to client service represent an excellent cultural fit with Houlihan Lokey, and I am confident that his expertise and industry relationships will be of great benefit to our global client base.’

Mr. Schneider joins from Deutsche Bank, where he has spent the entirety of his 13-year career focused on the chemicals sector. While there, he advised clients in North America, Europe, and the Asia-Pacific region on a range of corporate finance transactions, including mergers and acquisitions and debt and equity financings. Mr. Schneider’s experience spans the chemicals sector, including lubricants and fluids, coatings, adhesives and sealants, additives and ingredients, resins, and commodity and intermediate chemistries as well as inorganic materials.

‘Houlihan Lokey’s global chemicals practice has built an outstanding track record advising both corporates and sponsors around the world to deliver best-in-class services and help clients achieve superior results. I look forward to partnering with [Leland] Hars, Martin Bastian, and my other colleagues across the firm to support our clients with the full breadth of the firm’s products and services across corporate finance, restructuring, and valuation as we continue to grow the chemicals platform,’ said Mr. Schneider.

Mr. Schneider holds a B.A. in Economics and Political Science from Rutgers University, graduating summa cum laude.”

Houlihan Lokey Media Mentions



Below are excerpts from Leland Harris, Head of Chemicals at Houlihan Lokey, from his August interview with *The Financial Times* and his June interview with *ICIS News*.

Chemicals Groups Enjoy M&A Revival as Pandemic Winners Flourish (FT.com, August 8, 2021)

“We’ve got a period where both financial buyers and strategics are keen to acquire. There is never enough supply,’ said Leland Harris at US investment bank Houlihan Lokey.”

Chemicals M&A Activity to Pick Up as CEOs Gain Confidence (ICIS.com, June 30, 2021)

“It’s a very robust market. CEOs are confident, there’s availability of low-cost capital and business performance is strong almost across the board. Plus, transaction multiples are at historical highs across many segments, so sellers are motivated,’ said Leland Harris, Managing Director at investment bank Houlihan Lokey.

Business performance would be even stronger if not for supply chain constraints, which should loosen up at some point, he noted.

‘Price increases are being passed on with ease, leading to great margins for companies,’ said Harris.

‘For private equity, it’s challenging to buy businesses because multiples are inflated, but they are finding a way to prevail in some auctions. When corporates step up, they are hard to beat,’ said Harris.

Other assets hitting the market in the adhesives, formaldehyde resins, and composite resins space will likely attract more interest from private equity buyers, the banker noted.

‘Strategies are well capitalized and back with more confidence while financial sponsors are as active as ever with record amounts of capital to invest. The M&A market is coming out of the COVID[-19] pandemic strong,’ said Harris.”

To read the full articles, please click [here](#) and [here](#), respectively.

Selected Recent M&A News

Hexion Holdings Corporation Announces Plan to Separate into Two Independent Companies

(BusinessWire.com, September 29, 2021)

“Hexion Holdings Corporation (‘Hexion Holdings’ or the ‘Company’) today announced its plan to separate into two independent companies. The two companies will be ‘Hexion Holdings,’ composed of the Company’s Adhesives and Versatic Acids™ and Derivatives product lines, and ‘Hexion Coatings and Composites (US) Inc.’ (HCC), composed of Hexion Holdings’ former epoxy-based Coatings and Composites products. HCC will be renamed at a later date.

‘Today marks the beginning of an exciting new chapter in Hexion’s 122-year history, and continues our strategy of narrowing our focus, improving the Company’s financial flexibility and driving long-term value creation for our shareholders,’ said Craig Rogerson, Hexion Chairman, President, and Chief Executive Officer. ‘With our recent strong performance, and after a comprehensive evaluation of strategic actions aimed at unlocking the value of our businesses, our Board and management team have determined that now is the right time to pursue a separation through an IPO and spinoff. The transaction will provide each company with significant liquidity, a sharper strategic focus, and appropriately capitalized balance sheets while we continue to serve our customers’ needs. It is a testament to our people and our focus on operational execution that we have reached this successful milestone where our businesses are ideally positioned to be two strong standalone companies.’

The HCC separation transaction is currently targeted to be completed in the fourth quarter 2021, subject to final approval by the Board of Directors, customary regulatory approvals, and tax and legal considerations.”

Kraton Corporation Enters Into Definitive Agreement to Be Acquired by DL Chemical Co., Ltd.

(PRNewswire.com, September 27, 2021)

“Kraton Corporation (NYSE:KRA) (Kraton), a leading global sustainable producer of specialty polymers and high-value bio-based products derived from pine wood pulping co-products, today announced it has entered into a definitive merger agreement pursuant to which DL Chemical Co., Ltd. (DL Chemical) will acquire 100% of Kraton in an all-cash transaction implying an enterprise value of approximately \$2.5 billion.

‘After acquiring Kraton’s Cariflex business last year, we have successfully integrated that business within the DL Group,’ said Sang Woo Kim, Vice Chairman and Chief Executive Officer of DL Chemical. ‘We also have been highly interested in Kraton’s specialty polymer and bio-based chemical business, and this combination will allow us to provide our customers with a wider range of innovative products, while adding the ability to serve a diverse range of end markets in over 70 countries worldwide.’

The acquisition is subject to certain customary closing conditions, including the receipt of stockholder and regulatory approvals, and is expected to close by the end of the first half of 2022.”

Selected Recent M&A News (cont.)

Ashland Signs Definitive Agreement to Sell Performance Adhesives Business to Arkema for \$1.65 Billion (*GlobeNewswire.com, August 31, 2021*)

“Ashland Global Holdings Inc. (NYSE:ASH) announced today that its wholly owned subsidiary, Ashland LLC, has signed a definitive agreement to sell its performance adhesives business to Arkema in an all-cash transaction valued at approximately \$1.65 billion or 20 times LTM EBITDA. The transaction is expected to close by the end of calendar year 2021, subject to receipt of regulatory approvals and satisfaction of other customary closing conditions.

‘Performance Adhesives is a high-quality business with a strong and dedicated team that has demonstrated consistent and exceptional financial performance over the years,’ said Guillermo Novo, chairman and chief executive officer, Ashland.

Ashland expects net proceeds from the sale to total approximately \$1.2 to \$1.3 billion and the company will maintain strong capital allocation discipline using the proceeds to invest in the growth of core businesses as well as optimize its balance sheet and reward shareholders.

The transaction is driven by Ashland’s strategy to focus its resources on expanding its additive and ingredients portfolio which will be strongly aligned with long term environmental, social, and governance (ESG) drivers and with resilient high-quality consumer markets that value innovation.”

IFF Announces Sale of Microbial Control Business (*BusinessWire.com, August 23, 2021*)

“IFF (NYSE:IFF) today announced it has entered into an agreement to sell its Microbial Control business unit to LANXESS, a leading specialty chemicals company that develops, manufactures, and markets chemical intermediates, additives, specialty chemicals, and plastics. The transaction is valued at \$1.3 billion and the cash proceeds net of taxes and expenses will be primarily used to reduce outstanding debt.

‘Today’s announcement is part of a strategic portfolio review and is guided by our commitment to enhance long-term shareholder value,’ said IFF Chairman and CEO, Andreas Fibig. ‘This transaction is driven by the best-owner mindset and allows us to focus on our core businesses as we strengthen our balance sheet and maximize shareholder return. The divestiture also enhances IFF’s financial profile, providing growth acceleration and higher margins.’

IFF and LANXESS are working closely to ensure a seamless transition and expect to close in the second quarter of 2022, subject to customary closing conditions, including satisfaction of applicable consultations requirements, and regulatory clearances.”

Selected Recent M&A News (cont.)

Cerberus and Koch Complete Acquisition of PQ Performance Chemicals (*BusinessWire.com, August 2, 2021*)

“Cerberus Capital Management, (together with its affiliates, ‘Cerberus’) and Koch Minerals & Trading, LLC (Koch) today announced that their partnership has completed the previously announced acquisition of the Performance Chemicals business from Ecovyst Inc., formerly PQ Group Holdings Inc. The standalone business will continue to operate under the PQ brand and retain its headquarters in Malvern, Pennsylvania.

With the completion of the transaction, PQ becomes one of the world’s leading, independent producers of sodium silicates, specialty silicas, and zeolites. The business supports a broad range of end uses, including personal and industrial cleaning products, fuel efficient tires, surface coatings, and food and beverage products.

Al Beninati, President and Chief Executive Officer of PQ, stated: ‘We embark on this next chapter in PQ’s respected 190-year history with the support of two distinguished partners. Together, we will drive innovation and accelerate our growth to further strengthen our long-standing customer relationships. We are excited for PQ to reach new heights, while maintaining our family culture and customer-first approach.’”

MKS Instruments to Acquire Atotech (*GlobeNewswire.com, July 1, 2021*)

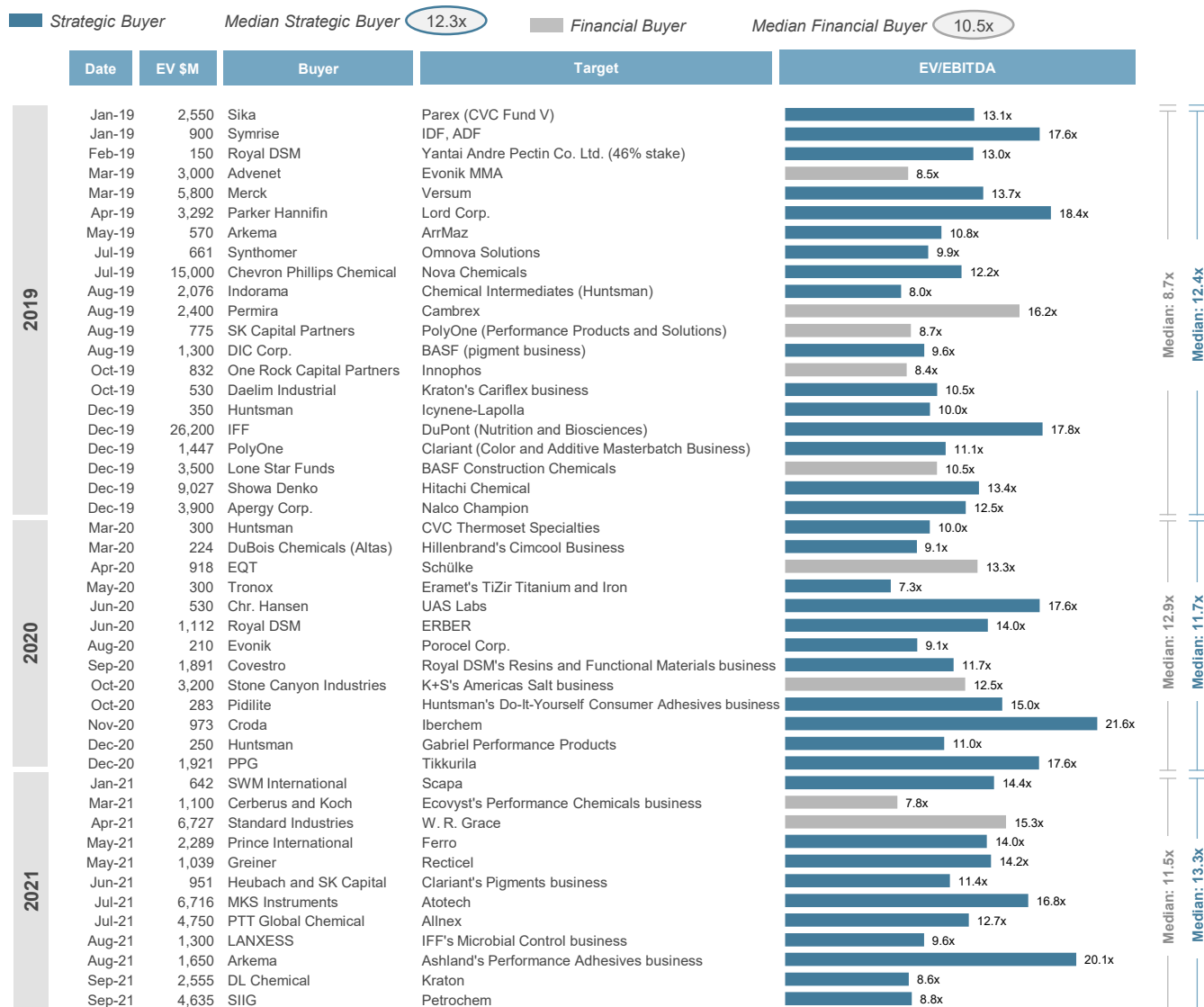
“MKS Instruments, Inc. (NASDAQ:MKSI) (MKS), a global provider of technologies that enable advanced processes and improve productivity, and Atotech Limited (NYSE:ATC) (Atotech), a leading process chemicals technology company and a market leader in advanced electroplating solutions, today announced that they have entered into a definitive agreement pursuant to which MKS will acquire Atotech for \$16.20 in cash and 0.0552 of a share of MKS common stock for each Atotech common share. The equity value of the transaction is \$5.1 billion and the enterprise value of the transaction is approximately \$6.5 billion.

‘Together, MKS and Atotech will be uniquely positioned to drive faster, better solutions and innovations for customers in advanced electronics,’ said MKS President and CEO John T.C. Lee. ‘By combining leading capabilities in lasers, optics, motion and process chemistry, the combined company will optimize the PCB Interconnect, a significant enabling point of next-generation advanced electronics that represents the next frontier for miniaturization and complexity.’

The transaction, expected to be implemented by way of a scheme of arrangement of Atotech under the laws of Jersey, has been unanimously approved by the MKS and Atotech boards of directors and is subject to Atotech shareholder approval, approval of the Royal court of Jersey, regulatory approvals, and other customary closing conditions, and is expected to close by the fourth quarter of 2021.”

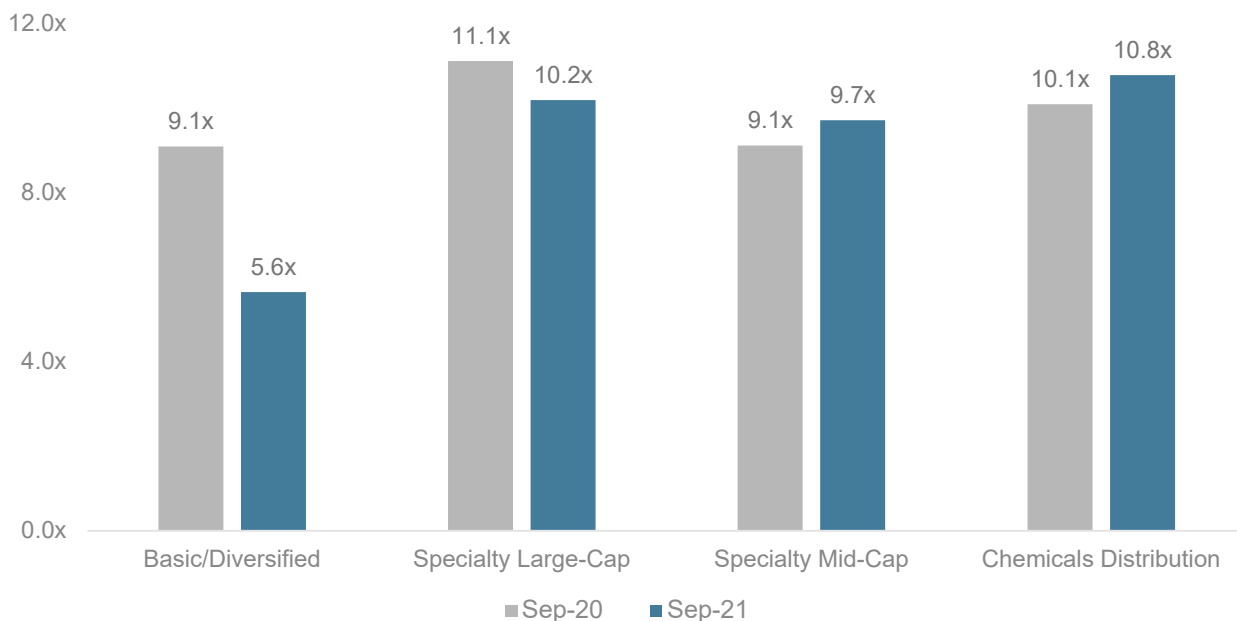
Chemical M&A Activity

The chemicals M&A market continues to be active on both the private equity and corporate sides in the past few years, despite strategic acquisitions being more prevalent in the two most recent quarters. Valuation levels for strategic transactions have also risen since 2020, while M&A activity continues to recover and settle into a pandemic-impacted environment.

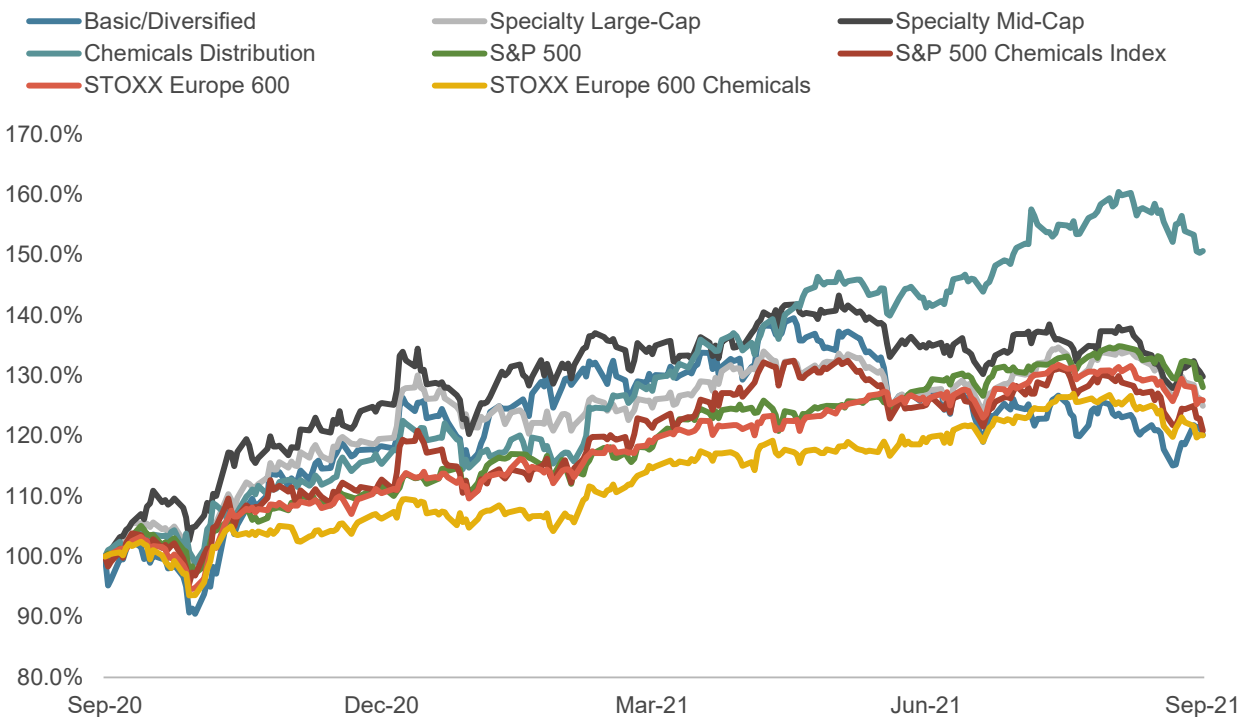


Public Markets Overview

Median TEV/NTM EBITDA Multiples



Stock Price Index



Sources: Bloomberg and S&P Capital IQ.

Note: NTM refers to next-12-month consensus estimates per S&P Capital IQ as of 9/30/2020 and 9/30/2021.

Selected Chemical Inputs (weekly index prices)

Cushing Crude Oil (WTI)

(\$ per barrel)



U.S. Gulf Ethylene (FD)

(\$ per pound)



U.S. Gulf Propylene (FD)

(\$ per pound)



U.S. Gulf Butadiene (CIF)

(\$ per pound)



Selected Chemical Inputs (weekly index prices) (cont.)

U.S. Gulf Benzene (FOB)

(\$ per gallon)



U.S. Mixed Xylene (FOB)

(\$ per gallon)



Natural Gas (Henry Hub)

(\$ per million BTU)



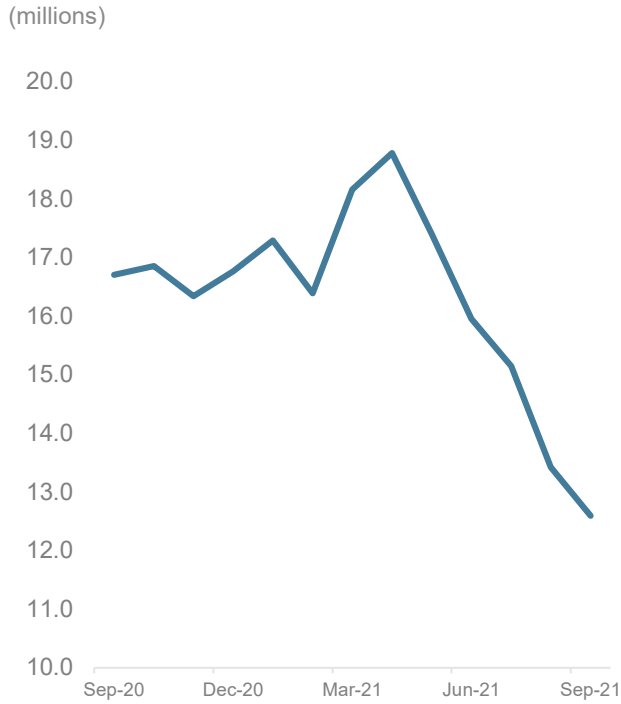
U.S. Toluene

(\$ per gallon)

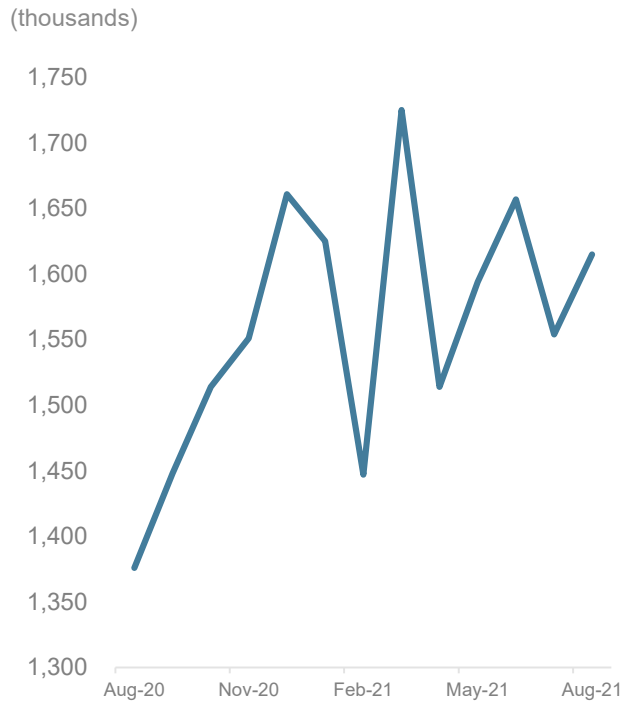


Selected Macroeconomic Data

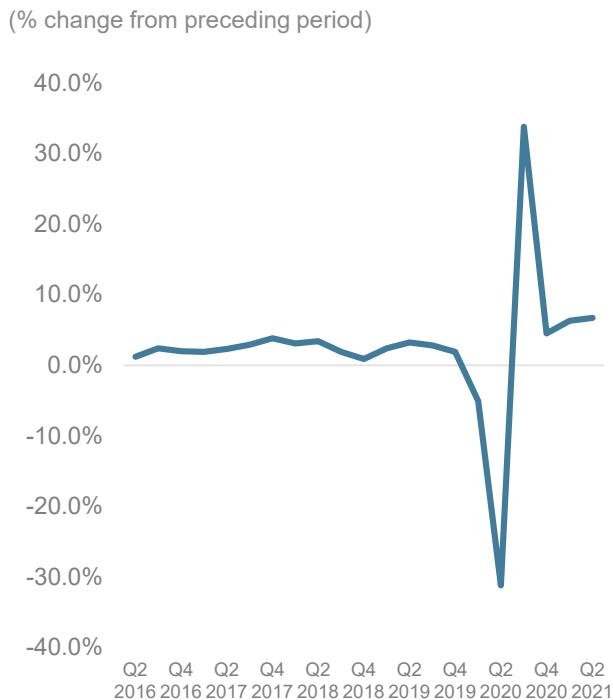
U.S. Total Monthly Automotive Sales



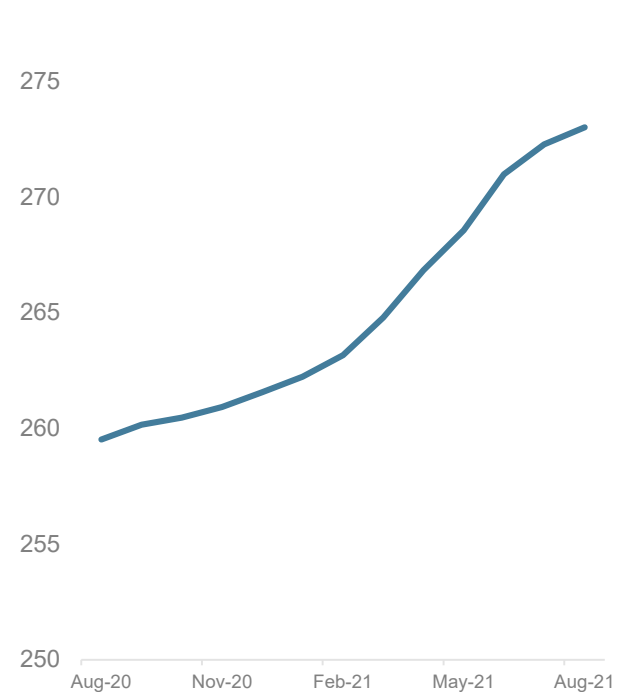
U.S. Privately Owned Housing Units Started



U.S. QoQ Real GDP Growth



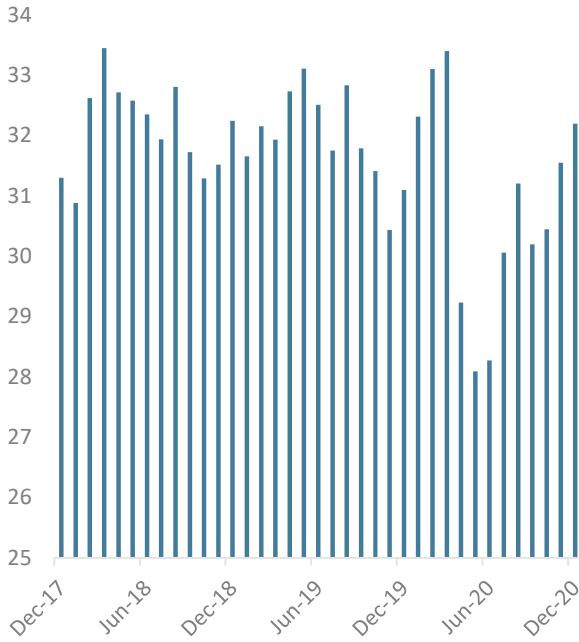
U.S. Consumer Price Index



Selected Macroeconomic Data (cont.)

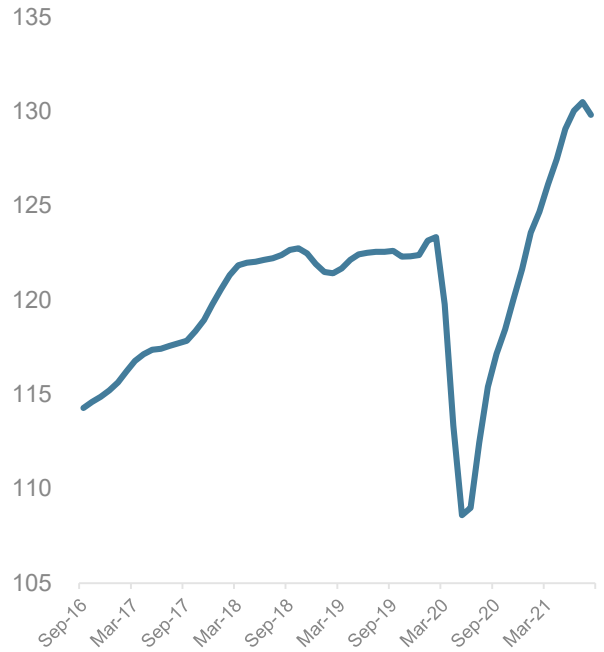
U.S. Average Weekly Chemical Railcar Loadings

(thousands)



Source: Association of American Railroads.

U.S. Chemicals Activity Barometer Index



Source: Bloomberg.

Selected Public Comparables

Basic/Diversified

(as of 9/30/2021, \$ in millions, except per-share prices)

Company Name	Ticker	Stock Price	Stock Performance (% Change)			Equity Value	Enterprise Value	FY2022E			Enterprise Value/	
			1 Month	3 Month	1 Year			Revenue	EBITDA	Margin	FY2022E Revenue	FY2022E EBITDA
BASF SE	DB:BAS	\$76.23	-1.8%	-3.6%	24.6%	\$70,099.5	\$89,854.9	\$84,198.1	\$12,247.3	14.5%	1.07x	7.3x
Bayer AG	DB:BAYN	\$54.35	-2.5%	-10.8%	-10.6%	\$53,522.1	\$93,001.7	\$50,919.6	\$13,759.6	27.0%	1.83x	6.8x
Celanese Corp.	NYSE:CE	\$150.64	-5.0%	-0.6%	40.2%	\$16,738.4	\$19,950.4	\$8,113.1	\$2,228.2	27.5%	2.46x	9.0x
Covestro AG	DB:1COV	\$69.01	6.5%	6.4%	38.0%	\$13,284.8	\$15,174.0	\$16,787.6	\$2,981.6	17.8%	0.90x	5.1x
Dow Inc.	NYSE:DOW	\$57.56	-8.5%	-9.0%	22.3%	\$42,627.5	\$57,359.5	\$50,534.2	\$9,581.0	19.0%	1.14x	6.0x
Huntsman Corp.	NYSE:HUN	\$29.59	12.0%	11.6%	33.2%	\$6,566.9	\$8,222.9	\$7,955.6	\$1,261.3	15.9%	1.03x	6.5x
LANXESS AG	XTRA:LXS	\$67.90	-6.8%	-1.0%	18.1%	\$5,856.5	\$7,233.5	\$8,711.5	\$1,367.1	15.7%	0.83x	5.3x
LyondellBasell Industries NV	NYSE:LYB	\$93.85	-6.5%	-8.8%	33.1%	\$31,394.3	\$45,784.3	\$40,133.1	\$7,981.8	19.9%	1.14x	5.7x
Methanex Corp.	TSX:MX	\$46.16	26.2%	39.2%	89.4%	\$3,518.2	\$5,884.5	\$3,762.0	\$870.2	23.1%	1.56x	6.8x
Olin Corp.	NYSE:OLN	\$48.25	-3.2%	4.3%	289.7%	\$7,744.1	\$11,230.9	\$8,680.9	\$2,224.2	25.6%	1.29x	5.0x
The Chemours Company	NYSE:CC	\$29.06	-13.3%	-16.5%	39.0%	\$4,799.7	\$7,896.7	\$6,473.1	\$1,396.6	21.6%	1.22x	5.7x
Westlake Chemical Corp.	NYSE:WLK	\$91.14	4.3%	1.2%	44.2%	\$11,679.6	\$14,416.6	\$10,601.8	\$2,602.3	24.5%	1.36x	5.5x
Median			-2.8%	-0.8%	35.6%			\$9,656.6	\$2,415.3	20.7%	1.18x	5.9x
Mean			0.1%	1.0%	55.1%			\$24,739.2	\$4,875.1	21.0%	1.32x	6.2x

Specialty Large-Cap (Greater Than \$5 Billion EV)

(as of 9/30/2021, \$ in millions, except per-share prices)

Company Name	Ticker	Stock Price	Stock Performance (% Change)			Equity Value	Enterprise Value	FY2022E			Enterprise Value/	
			1 Month	3 Month	1 Year			Revenue	EBITDA	Margin	FY2022E Revenue	FY2022E EBITDA
Albemarle Corp.	NYSE:ALB	\$218.97	-7.5%	30.0%	145.3%	\$25,608.5	\$27,205.8	\$3,821.7	\$1,085.6	28.4%	7.12x	25.1x
Arkema S.A.	ENXTPA:AKE	\$132.71	0.0%	5.8%	24.7%	\$9,927.5	\$10,661.2	\$10,179.9	\$1,680.3	16.5%	1.05x	6.3x
Ashland Global Holdings Inc.	NYSE:ASH	\$89.12	-2.2%	1.9%	25.7%	\$5,412.6	\$6,971.6	\$2,425.3	\$603.3	24.9%	2.87x	11.6x
Clariant AG	SWX:CLN	\$18.89	-10.2%	-5.1%	-4.6%	\$6,224.8	\$7,730.5	\$4,645.2	\$828.0	17.8%	1.66x	9.3x
Corteva, Inc.	NYSE:CTVA	\$42.08	-4.3%	-5.1%	46.1%	\$30,894.5	\$30,012.5	\$16,230.3	\$2,947.7	18.2%	1.85x	10.2x
Croda International plc	LSE:CRDA	\$115.36	-8.4%	13.4%	42.7%	\$15,967.1	\$17,152.2	\$2,611.0	\$793.3	30.4%	6.57x	21.6x
DuPont de Nemours, Inc.	NYSE:DD	\$67.99	-8.1%	-12.2%	22.5%	\$35,562.6	\$43,230.6	\$17,313.9	\$4,550.3	26.3%	2.50x	9.5x
Eastman Chemical Co.	NYSE:EMN	\$100.74	-11.0%	-13.7%	29.0%	\$13,678.8	\$18,884.8	\$10,183.4	\$2,298.2	22.6%	1.85x	8.2x
Ecolab Inc.	NYSE:ECL	\$208.62	-7.4%	1.3%	4.4%	\$59,683.5	\$65,427.7	\$13,520.4	\$3,234.4	23.9%	4.84x	20.2x
Evonik Industries AG	DB:EVK	\$31.71	-6.1%	-5.3%	21.6%	\$14,728.6	\$18,377.2	\$16,668.8	\$2,866.1	17.2%	1.10x	6.4x
Fuchs Petrolub SE	DB:FPE3	\$46.73	-7.5%	-4.2%	-8.0%	\$5,799.7	\$5,752.2	\$3,338.0	\$539.6	16.2%	1.72x	10.7x
FMC Corp.	NYSE:FMC	\$91.56	-2.2%	-15.4%	-13.5%	\$11,783.7	\$15,068.7	\$5,303.5	\$1,436.6	27.1%	2.84x	10.5x
H.B. Fuller Co.	NYSE:FUL	\$64.56	-4.5%	1.5%	41.0%	\$3,392.9	\$5,010.7	\$3,512.9	\$513.7	14.6%	1.43x	9.8x
Johnson Matthey plc	LSE:JMAT	\$36.25	-10.4%	-14.6%	18.9%	\$6,983.5	\$8,056.9	\$5,896.1	\$1,112.3	18.9%	1.37x	7.2x
Koninklijke DSM NV	ENXTAM:DSM	\$200.22	-5.9%	7.3%	21.3%	\$34,144.5	\$35,706.8	\$10,879.6	\$2,221.0	20.4%	3.28x	16.1x
Quaker Chemical Corp.	NYSE:KWR	\$237.72	-8.3%	0.2%	32.3%	\$4,250.0	\$5,039.3	\$1,818.6	\$309.8	17.0%	2.77x	16.3x
Solvay SA	ENXTBR:SOB	\$124.77	-4.7%	-1.8%	44.6%	\$12,870.9	\$15,854.2	\$11,658.8	\$2,667.6	22.9%	1.36x	5.9x
Wacker Chemie AG	XTRA:WCH	\$187.07	6.1%	21.3%	92.2%	\$9,293.0	\$9,128.9	\$6,745.7	\$1,284.8	19.0%	1.35x	7.1x
Median			-6.8%	-0.8%	25.2%			\$6,320.9	\$1,360.7	19.7%	1.85x	10.0x
Mean			-5.7%	0.3%	32.6%			\$8,153.0	\$1,720.7	21.2%	2.64x	11.8x

Source: S&P Capital IQ.

Note: E refers to expected. Trading multiples are based on share price, other market data, and broker consensus future earnings estimates from S&P Capital IQ as of September 30, 2021. All financials calendarized to a December year-end.

Selected Public Comparables (cont.)

Specialty Mid-Cap (Less Than \$5 billion EV)

(as of 9/30/2021, \$ in millions, except per-share prices)

Company Name	Ticker	Stock Price	Stock Performance (% Change)			Equity Value	Enterprise Value	FY2022E			Enterprise Value/	
			1 Month	3 Month	1 Year			Revenue	EBITDA	Margin	FY2022E Revenue	FY2022E EBITDA
Balchem Corp.	NASDAQGS:BCPC	\$145.07	3.3%	10.5%	48.6%	\$4,696.0	\$4,753.1	\$828.2	\$204.3	24.7%	5.74x	23.3x
Ecovyst Inc.	NYSE:ECVT	\$11.66	-10.4%	-24.1%	13.6%	\$1,596.8	\$2,978.4	\$610.1	\$267.0	43.8%	4.88x	11.2x
Elementis plc	LSE:ELM	\$2.01	-4.6%	-3.3%	104.7%	\$1,169.0	\$1,612.0	\$886.9	\$175.1	19.7%	1.82x	9.2x
Ferro Corp.	NYSE:FOE	\$20.34	-2.2%	-5.7%	64.0%	\$1,682.2	\$1,938.3	\$1,142.2	\$213.7	18.7%	1.70x	9.1x
GCP Applied Technologies Inc.	NYSE:GCP	\$21.92	-8.1%	-5.8%	4.6%	\$1,610.8	\$1,507.7	\$1,030.5	\$168.9	16.4%	1.46x	8.9x
Ingevity Corp.	NYSE:NGVT	\$71.37	-11.2%	-12.3%	44.4%	\$2,820.6	\$3,926.1	\$1,427.7	\$467.1	32.7%	2.75x	8.4x
Innospec Inc.	NASDAQGS:IOSP	\$84.22	-10.0%	-7.1%	33.0%	\$2,075.3	\$2,018.2	\$1,553.5	\$216.9	14.0%	1.30x	9.3x
Koppers Holdings Inc.	NYSE:KOP	\$31.26	-5.0%	-3.4%	49.5%	\$667.1	\$1,532.7	\$1,767.8	\$236.3	13.4%	0.87x	6.5x
NewMarket Corp.	NYSE:NEU	\$338.77	-3.1%	5.2%	-1.0%	\$3,702.1	\$4,227.5	NA	NA	NA	NA	NA
Siegfried Holding AG	SWX:SFZN	\$893.79	-7.4%	-4.7%	30.0%	\$3,737.5	\$3,952.4	\$1,270.4	\$251.6	19.8%	3.11x	15.7x
Stepan Co.	NYSE:SCL	\$112.94	-3.9%	-6.1%	3.6%	\$2,537.3	\$2,721.6	\$2,289.3	\$324.3	14.2%	1.19x	8.4x
Synthomer plc	LSE:SYNT	\$6.72	-8.7%	-1.0%	64.2%	\$2,854.3	\$3,417.3	\$2,899.5	\$535.3	18.5%	1.18x	6.4x
Median			-6.2%	-5.2%	38.7%			\$1,270.4	\$236.3	18.7%	1.70x	9.1x
Mean			-5.9%	-4.8%	38.3%			\$1,427.8	\$278.2	21.4%	2.36x	10.6x

Chemicals Distribution

(as of 9/30/2021, \$ in millions, except per-share prices)

Company Name	Ticker	Stock Price	Stock Performance (% Change)			Equity Value	Enterprise Value	FY2022E			Enterprise Value/	
			1 Month	3 Month	1 Year			Revenue	EBITDA	Margin	FY2022E Revenue	FY2022E EBITDA
Azelis Group NV	ENXTBR:AZE	\$31.53	NA	NA	NA	\$7,372.1	\$9,175.2	NA	NA	NA	NA	NA
Brenntag SE	XTRA:BNR	\$93.39	-7.4%	0.4%	46.5%	\$14,429.3	\$16,438.6	\$16,437.2	\$1,578.0	9.6%	1.00x	10.4x
Hawkins, Inc.	NASDAQGS:HWKN	\$34.88	-7.9%	6.5%	51.3%	\$739.9	\$842.0	\$657.4	\$95.1	14.5%	1.28x	8.9x
IMCD NV	ENXTAM:IMCD	\$191.53	-2.7%	20.5%	60.5%	\$10,897.5	\$11,844.1	\$4,129.3	\$484.6	11.7%	2.87x	24.4x
Univar Solutions Inc.	NYSE:UNVR	\$23.82	0.9%	-2.3%	41.1%	\$4,071.0	\$6,415.2	\$9,065.2	\$755.9	8.3%	0.71x	8.5x
Median			-5.1%	3.5%	48.9%			\$6,597.3	\$620.3	10.7%	1.14x	9.6x
Mean			-4.3%	6.3%	49.9%			\$7,572.3	\$728.4	11.0%	1.46x	13.0x

Source: S&P Capital IQ.

Notes: E refers to expected. NA refers to not available. Trading multiples are based on share price, other market data, and broker consensus future earnings estimates from S&P Capital IQ as of September 30, 2021. All financials calendarized to a December year-end.

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