Growth Dynamics Global Top 100 Global Specialty Chemical Companies



An analysis of the revenue growth performance of the world's largest Specialty Chemical Companies



Confidential February 28, 2023

Growth Rate Summary by Revenue Segment

		Revenue seg	gments in US	6\$ equivalen	t for the data
Parameter	Dataset	\$25-50B	\$10-25B	\$5-10B	\$1-5B
5Y-CAGR					
- # ranked	100	3	23	24	50
- Low	-37.6%	3.5%	-37.6%	-6.0%	-11.7%
- High	187.2%	22.3%	187.2%	29.4%	81.2%
- Average	10.5%	14.2%	12.9%	7.8%	10.4%
- Median	6.0%	16.7%	4.1%	6.5%	6.0%
- #s, -ve growth	13	0	3	3	7
3Y-CAGR					
- # ranked	100	3	23	24	50
- Low	-20.1%	3.2%	-20.1%	-0.9%	-15.0%
- High	94.4%	10.8%	56.4%	53.0%	94.4%
- Average	14.9%	8.2%	12.9%	15.5%	16.0%
- Median	11.8%	10.7%	9.8%	11.3%	14.2%
- #s, -ve growth	8	0	1	1	6
		-			
LFY-GR		_			
- # ranked	99	3	23	24	49
- Low	-29.5%	5.7%	-21.8%	1.7%	-29.5%
- High	169.8%	13.9%	50.6%	120.0%	169.8%
- Avg	27.6%	9.3%	20.5%	30.8%	30.5%
- Median	19.8%	8.3%	20.7%	20.9%	19.8%
- #s, -ve growth	7	0	1	0	6
Avg L4Q-GR					
- # ranked	80	1	19	20	40
- Low	-21.8%	8.3%	-21.8%	-16.0%	-15.4%
- High	277.9%	8.3%	41.8%	120.0%	277.9%
- Avg	20.1%	8.3%	16.7%	21.0%	21.6%
- Median	13.1%	8.3%	18.2%	11.4%	13.9%
- #s, -ve growth	7	0	1	2	4

Avg L4Q-GR: Average latest four quarter growth rate as reported, where available | LFY: Latest fiscal year (YoY growth rate) | All growth rates have been calculated on reported currencies

Revenue Growth Leaderboard: Top & Bottom 10 Companies

Top 10 Compa	nies: 5Y-CAGR			
Company	Country	rCurr.	Rev. Range	%
Huaibei Mining Holdings Co.,Ltd.	China	CNY	\$10-25B	187.2%
CNGR Advanced Material Co.,Ltd.	China	CNY	\$1-5B	81.2%
Huafon Chemical Co., Ltd.	China	CNY	\$1-5B	61.7%
COFCO Biotechnology Co., Ltd.	China	CNY	\$1-5B	39.1%
Satellite Chemical Co.,Ltd.	China	CNY	\$1-5B	36.7%
International Flavors & Fragrances Inc.	USA	USD	\$10-25B	33.0%
OCI N.V.	Netherlands	USD	\$5-10B	29.4%
Ningbo Shanshan Co.,Ltd.	China	CNY	\$1-5B	25.8%
Tokai Carbon Co., Ltd.	Japan	JPY	\$1-5B	24.9%
Linde plc	UK	USD	\$25-50B	22.3%

Top 10 Companies: LFY (YoY)CompanyCountryrCurr.Rev. Range%CNGR Advanced Material Co.,Ltd.ChinaCNY\$1-5B169.8%Satellite Chemical Co.,Ltd.ChinaCNY\$1-5B165.1%Ningbo Shanshan Co.,Ltd.ChinaCNY\$1-5B151.9%Albemarle CorporationUSAUSD\$5-10B120.0%Huafon Chemical Co., Ltd.ChinaCNY\$1-5B92.7%OCI N.V.NetherlandsUSD\$5-10B81.9%Luxi Chemical Group Co., Ltd.ChinaCNY\$1-5B80.7%Kumho Petrochemical Co., Ltd.S KoreaKRW\$5-10B75.9%Yin's Chemical Holdings LimitedHong KongHKD\$1-5B65.2%					
Company	Country	rCurr.	Rev. Range	%	
CNGR Advanced Material Co.,Ltd.	China	CNY	\$1-5B	169.8%	
Satellite Chemical Co.,Ltd.	China	CNY	\$1-5B	165.1%	
Ningbo Shanshan Co.,Ltd.	China	CNY	\$1-5B	151.9%	
Albemarle Corporation	USA	USD	\$5-10B	120.0%	
Huafon Chemical Co., Ltd.	China	CNY	\$1-5B	92.7%	
OCI N.V.	Netherlands	USD	\$5-10B	81.9%	
Luxi Chemical Group Co., Ltd.	China	CNY	\$1-5B	80.7%	
Kumho Petrochemical Co., Ltd.	S Korea	KRW	\$5-10B	75.9%	
Yip's Chemical Holdings Limited	Hong Kong	HKD	\$1-5B	65.2%	
Transfar Zhilian Co., Ltd.	China	CNY	\$5-10B	64.1%	

Avg L4Q-GR: Average latest four quarter growth rate, where reported | LFY: Latest fiscal year (YoY growth rate) [Companies highlighted in blue or yellow, figure in the top or bottom companies list in each growth category]

Top 10 Companies: 3Y-CAGR

Company	Country	rCurr.	Rev. Range	%
CNGR Advanced Material Co.,Ltd.	China	CNY	\$1-5B	94.4%
Satellite Chemical Co.,Ltd.	China	CNY	\$1-5B	62.8%
International Flavors & Fragrances Inc.	USA	USD	\$10-25B	56.4%
Ningbo Shanshan Co.,Ltd.	China	CNY	\$1-5B	54.4%
Albemarle Corporation	USA	USD	\$5-10B	53.0%
Westlake Corporation	USA	USD	\$10-25B	45.1%
OCI N.V.	Netherlands	USD	\$5-10B	44.4%
Huafon Chemical Co., Ltd.	China	CNY	\$1-5B	43.5%
LB Group Co., Ltd.	China	CNY	\$1-5B	34.4%
Luxi Chemical Group Co., Ltd.	China	CNY	\$1-5B	32.6%

Top 10 Companies: Avg L4Q (YoY)

Company	Country	rCurr.	Rev. Range	%
Sociedad Quimica y Minera de Chile S.A.	Chile	USD	\$1-5B	277.9%
Albemarle Corporation	USA	USD	\$5-10B	120.0%
OCI N.V.	Netherlands	USD	\$5-10B	88.4%
CNGR Advanced Material Co.,Ltd.	China	CNY	\$1-5B	75.4%
Satellite Chemical Co.,Ltd.	China	CNY	\$1-5B	56.2%
Elkem ASA	Norway	NOK	\$1-5B	50.3%
ALPEK, S.A.B. de C.V.	Mexico	MXN	\$5-10B	48.8%
Brenntag SE	Germany	EUR	\$10-25B	41.8%
Westlake Corporation	USA	USD	\$10-25B	34.1%
Tokai Carbon Co., Ltd.	Japan	JPY	\$1-5B	32.3%

Revenue Growth Leaderboard: Top & Bottom 10 Companies

uPont de Nemours, Inc.USAUSD\$10-25B-37.6%ihua Group Corporation LimitedChinaCNY\$1-5B-11.7%shland Inc.USAUSD\$1-5B-10.6%dariant AGCHCHF\$1-5B-9.0%ANXESS AktiengesellschaftGermanyEUR\$5-10B-6.0%SR CorporationJapanJPY\$1-5B-5.2%BE CorporationJapanJPY\$1-5B-1.5%okuyama CorporationJapanJPY\$1-5B-1.2%							
Company	Cou	ntry rCurr.	Rev. Range	%			
DuPont de Nemours, Inc.	US	SA USD	\$10-25B	-37.6%			
Jihua Group Corporation Limited	Ch	ina CNY	\$1-5B	-11.7%			
Ashland Inc.	US	SA USD	\$1-5B	-10.6%			
Clariant AG	C	H CHF	\$1-5B	-9.0%			
LANXESS Aktiengesellschaft	Gern	nany EUR	\$5-10B	-6.0%			
JSR Corporation	Jap	oan JPY	\$1-5B	-5.2%			
UBE Corporation	Jap	an JPY	\$5-10B	-1.5%			
Tokuyama Corporation	Jap	oan JPY	\$1-5B	-1.2%			
Venator Materials PLC	U	K USD	\$1-5B	-1.0%			
Avient Corporation	US	SA USD	\$1-5B	-1.0%			

Bottom 10 Companies: LFY (YoY)CompanyCountryrCurr.Rev. Range%Avient CorporationUSAUSD\$1-5B-29.5%JSR CorporationJapanJPY\$1-5B-23.6%DuPont de Nemours, Inc.USAUSD\$10-25B-21.8%Yibin Tianyuan Group Co., Ltd.ChinaCNY\$1-5B-13.0%Tokuyama CorporationJapanJPY\$1-5B-2.8%China Hainan Rubber Industry Group Co., Ltd.ChinaCNY\$1-5B-2.6%Venator Materials PLCUKUSD\$1-5B-1.8%Eastman Chemical CompanyUSAUSD\$10-25B1.0%Avantor, Inc.USAUSD\$5-10B1.7%				
Company	Country	rCurr.	Rev. Range	%
Avient Corporation	USA	USD	\$1-5B	-29.5%
JSR Corporation	Japan	JPY	\$1-5B	-23.6%
DuPont de Nemours, Inc.	USA	USD	\$10-25B	-21.8%
Yibin Tianyuan Group Co., Ltd.	China	CNY	\$1-5B	-13.0%
Tokuyama Corporation	Japan	JPY	\$1-5B	-2.8%
China Hainan Rubber Industry Group Co., Ltd.	China	CNY	\$1-5B	-2.6%
Venator Materials PLC	UK	USD	\$1-5B	-1.8%
Eastman Chemical Company	USA	USD	\$10-25B	1.0%
Avantor, Inc.	USA	USD	\$5-10B	1.7%
Johnson Matthey Plc	UK	GBP	\$10-25B	2.2%

Avg L4Q-GR: Average latest four quarter growth rate, where reported | LFY: Latest fiscal year (YoY growth rate) [Companies highlighted in blue or yellow, figure in the top or bottom companies list in each growth category]

Bottom 10 Companies: 3Y-CAGR

Company	Country	rCurr.	Rev. Range	%
DuPont de Nemours, Inc.	USA	USD	\$10-25B	-20.1%
JSR Corporation	Japan	JPY	\$1-5B	-15.0%
Jihua Group Corporation Limited	China	CNY	\$1-5B	-14.4%
Yibin Tianyuan Group Co., Ltd.	China	CNY	\$1-5B	-9.7%
Tokuyama Corporation	Japan	JPY	\$1-5B	-3.6%
UBE Corporation	Japan	JPY	\$5-10B	-0.9%
Tokai Carbon Co., Ltd.	Japan	JPY	\$1-5B	-0.6%
Clariant AG	СН	CHF	\$1-5B	-0.3%
Koninklijke DSM N.V.	Netherlands	EUR	\$10-25B	1.1%
Ashland Inc.	USA	USD	\$1-5B	1.4%

Bottom 10 Companies: Avg L4Q (YoY)

Company	Country	rCurr.	Rev. Range	%
DuPont de Nemours, Inc.	USA	USD	\$10-25B	-21.8%
UBE Corporation	Japan	JPY	\$5-10B	-16.0%
COFCO Biotechnology Co., Ltd.	China	CNY	\$1-5B	-15.4%
Avient Corporation	USA	USD	\$1-5B	-12.6%
Zibo Qixiang Tengda Chemical Co., Ltd	China	CNY	\$5-10B	-5.0%
China Hainan Rubber Industry Group Co., Ltd.	China	CNY	\$1-5B	-4.0%
Venator Materials PLC	UK	USD	\$1-5B	-1.8%
Trinseo PLC	USA	USD	\$1-5B	0.6%
Eastman Chemical Company	USA	USD	\$10-25B	1.0%
Nan Ya Plastics Corporation	Taiwan	TWD	\$10-25B	1.2%

Detailed Growth Metrics

Avg L4Q-GR: Average latest four quarter growth rate, where reported | LFY: Latest fiscal year (YoY growth rate)

Companies sorted by revenues in US\$ equivalent | Top 25 companies by rank highlighted in blue | All growth rates have been calculated on reported currencies

				F	levenues	5	5Y-CAGR		3Y-CAGR		LFY-GR		AvgL4Q-GR	
rSegm.	Company	Country	rCurr.	LFY	US\$	rCurr.	%	Rank	%	Rank	%	Rank	%	Rank
[No of Com	panies Ranked]:							[100]		[100]		[99]		[80]
\$25-50B	Linde plc	UK	USD	12-22	33.4B	33.4B	22.3%	10	10.7%	53	8.3%	79	8.3%	57
\$25-50B	L'Air Liquide S.A.	France	EUR	12-21	27.6B	23.3B	3.5%	68	3.2%	85	13.9%	63	-	-
\$25-50B	Umicore SA	Belgium	EUR	12-22	26.8B	25.4B	16.7%	17	10.8%	52	5.7%	85	-	-
\$10-25B	The Sherwin-Williams Company	USA	USD	12-22	22.1B	22.1B	6.0%	49	9.8%	56	11.1%	73	11.1%	46
\$10-25B	Johnson Matthey Plc	UK	GBP	03-22	21.9B	16.0B	3.2%	70	4.8%	81	2.2%	90	-	-
\$10-25B	Hengyi Petrochemical Co., Ltd.	China	CNY	12-21	20.0B	129.0B	19.0%	15	27.3%	17	49.2%	13	27.8%	16
\$10-25B	Covestro AG	Germany	EUR	12-21	18.8B	15.9B	3.0%	72	13.2%	44	48.5%	14	25.9%	17
\$10-25B	Sasol Limited	South Africa	ZAR	06-22	18.2B	275.7B	11.0%	31	20.4%	24	36.6%	21	-	-
\$10-25B	Evonik Industries AG	Germany	EUR	12-21	17.7B	15.0B	0.9%	85	6.8%	66	22.6%	44	29.5%	11
\$10-25B	PPG Industries, Inc.	USA	USD	12-22	17.7B	17.7B	3.5%	66	13.0%	46	5.1%	87	5.1%	67
\$10-25B	Brenntag SE	Germany	EUR	12-21	17.0B	14.4B	5.2%	56	5.9%	73	22.1%	45	41.8%	8
\$10-25B	The Siam Cement Public Company Limited	Thailand	THB	12-21	16.6B	530.1B	4.1%	62	10.0%	55	32.5%	29	21.7%	20
\$10-25B	Westlake Corporation	USA	USD	12-22	15.8B	15.8B	16.3%	19	45.1%	6	34.1%	26	34.1%	9
\$10-25B	AGC Inc.	Japan	JPY	12-21	15.5B	1.7T	3.8%	65	5.7%	75	20.2%	49	20.2%	22
\$10-25B	Nan Ya Plastics Corporation	Taiwan	TWD	12-21	14.8B	411.7B	7.7%	39	19.9%	27	50.6%	12	1.2%	71
\$10-25B	Mitsui Chemicals, Inc.	Japan	JPY	03-22	14.3B	1.6T	5.0%	58	9.7%	58	33.1%	28	23.5%	19
\$10-25B	Ecolab Inc.	USA	USD	12-22	14.2B	14.2B	-0.8%	90	9.7%	59	11.4%	71	11.4%	44
\$10-25B	DuPont de Nemours, Inc.	USA	USD	12-22	13.0B	13.0B	-37.6%	100	-20.1%	100	-21.8%	97	-21.8%	80
\$10-25B	Air Products and Chemicals, Inc.	USA	USD	09-22	12.7B	12.7B	9.2%	34	19.7%	28	23.0%	43	17.7%	30
\$10-25B	International Flavors & Fragrances Inc.	USA	USD	12-22	12.4B	12.4B	33.0%	6	56.4%	3	6.7%	82	6.7%	61
\$10-25B	Akzo Nobel N.V.	Netherlands	EUR	12-21	11.3B	9.6B	-0.1%	88	1.7%	88	12.4%	68	13.3%	39
\$10-25B	Arkema S.A.	France	EUR	12-21	11.3B	9.5B	3.4%	69	4.4%	83	20.7%	47	28.2%	14
\$10-25B	Sika AG	СН	CHF	12-22	11.0B	10.5B	10.3%	33	15.4%	39	13.4%	65	-	-
\$10-25B	Koninklijke DSM N.V.	Netherlands	EUR	12-21	10.9B	9.2B	1.6%	80	1.1%	92	13.5%	64	-	-
\$10-25B	Eastman Chemical Company	USA	USD	12-22	10.6B	10.6B	1.0%	83	11.7%	51	1.0%	92	1.0%	72

Detailed Growth Metrics

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5Y-CAGR Revenues 3Y-CAGR LFY-GR AvgL4Q-GR Company Country rCurr. LFY US\$ rCurr. % Rank % Rank % Rank % Rank rSegm. [No of Companies Ranked]: [100] [100] [99] [80] \$10-25B Huaibei Mining Holdings Co., Ltd. China CNY 12-21 10.1B 65.0B 187.2% 4.0% 24.2% 40 18.2% 29 1 84 \$5-10B Formosa Plastics Corporation Taiwan TWD 12-21 9.8B 273.6B 7.3% 42 14.7% 40 47.2% 15 8.3% 58 \$5-10B **Olin Corporation** USA USD 12-22 9.4B 9.4B 7.8% 38 27.6% 16 5.2% 86 5.2% 66 \$5-10B Nippon Paint Holdings Co., Ltd. Japan JPY 12-21 9.1B 998.3B 13.3% 26 20.1% 25 27.8% 34 27.8% 15 \$5-10B LANXESS Aktiengesellschaft Germany EUR 12-21 8.9B 7.6B -6.0% 96 5.4% 78 23.8% 41 --\$5-10B Air Water Inc. JPY 888.7B 4.2% 60 82 43 Japan 03-22 7.9B 4.8% 10.2% 76 11.4% \$5-10B **DIC Corporation** Japan JPY 12-21 7.8B 855.4B 2.0% 76 5.5% 77 22.0% 46 28.9% 12 7 \$5-10B ALPEK, S.A.B. de C.V. Mexico MXN 12-21 7.7B 156.2B 12.1% 28 14.2% 42 37.1% 20 48.8% \$5-10B Nitto Denko Corporation JPY 03-22 7.6B 853.4B -0.1% 89 7.3% 10.0% 51 Japan 63 12.1% 69 \$5-10B USA USD 12-22 7.5B 7.5B 6.4% 46 8.4% 61 1.7% 91 70 Avantor, Inc. 1.7% \$5-10B Givaudan SA СН CHF 12-22 7.5B 7.1B 6.5% 45 6.1% 70 6.5% 83 --\$5-10B Kumho Petrochemical Co., Ltd. KRW 12-21 7.4B 8.5T 13.7% 24 30.4% 13 75.9% 8 11.0% 47 S Korea 50 49 \$5-10B Wacker Chemie AG Germany EUR 12-21 7.3B 6.2B 6.0% 12.2% 32.3% 30 2 \$5-10B Albemarle Corporation USA USD 12-22 7.3B 7.3B 21.4% 11 53.0% 5 120.0% 4 120.0% \$5-10B The Chemours Company USA USD 12-22 6.8B 6.8B 0.6% 86 34 7.1% 80 7.1% 59 16.9% \$5-10B **RPM** International Inc. USA USD 05-22 6.7B 6.7B 6.0% 51 10.4% 54 9.8% 77 40 13.3% \$5-10B OCI N.V. USD 6.3B 6.3B 29.4% 7 44.4% 7 81.9% 6 88.4% 3 Netherlands 12-21 2.6% \$5-10B Mitsubishi Gas Chemical Company, Inc. Japan JPY 03-22 6.3B 705.7B 73 7.3% 64 18.5% 53 12.5% 42 \$5-10B Kingfa Sci. & Tech. Co., Ltd. China CNY 12-21 6.2B 40.2B 14.8% 22 17.2% 31 14.7% 60 3.8% 68 \$5-10B Kaneka Corporation JPY 691.5B 3.8% 64 7.2% 41 Japan 03-22 6.1B 65 19.8% 51 12.8% \$5-10B Inabata & Co.,Ltd. JPY 03-22 681.0B 2.3% 74 6.5% 67 17.9% 11.3% 45 Japan 6.1B 55 \$5-10B **UBE** Corporation Japan JPY 03-22 5.8B 655.3B -1.5% 94 -0.9% 95 6.7% 81 -16.0% 79 \$5-10B Transfar Zhilian Co., Ltd. China CNY 12-21 5.5B 35.5B 16.5% 18 32.3% 11 64.1% 10 18.3% 27 \$5-10B 30 Zibo Qixiang Tengda Chemical Co., Ltd China CNY 12-21 5.4B 34.9B 11.9% 7.7% 62 41.3% 19 -5.0% 76 \$5-10B 7.2% Orica Limited Australia AUD 09-22 5.1B 7.1B 43 12.5% 48 36.3% 23 -

Detailed Growth Metrics

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5Y-CAGR Revenues 3Y-CAGR LFY-GR AvgL4Q-GR Company Country rCurr. LFY US\$ rCurr. % Rank % Rank % Rank % Rank rSegm. [No of Companies Ranked]: [100] [100] [80] [99] \$1-5B Trinseo PLC USA USD 12-22 5.0B 5.0B 1.8% 77 27.9% 15 2.9% 89 0.6% 73 \$1-5B Luxi Chemical Group Co., Ltd. China CNY 12-21 4.9B 31.8B 19.2% 13 32.6% 10 80.7% 7 9.8% 52 \$1-5B Axalta Coating Systems Ltd. USA USD 12-22 4.9B 4.9B 1.0% 84 14.3% 41 10.6% 75 10.6% 50 \$1-5B Clariant AG CH CHF 12-21 4.8B 4.4B -9.0% 97 -0.3% 93 13.3% 66 --\$1-5B Symrise AG EUR 78 Germany 12-21 4.5B 3.8B 6.3% 48 6.0% 72 8.7% --\$1-5B Incitec Pivot Limited AUD 6.3B 27 26.6% 18 45.2% 17 Australia 09-22 4.5B 13.1% -\$1-5B Satellite Chemical Co..Ltd. China CNY 12-21 4.4B 28.6B 36.7% 5 62.8% 2 165.1% 2 56.2% 5 3 \$1-5B Huafon Chemical Co., Ltd. China CNY 12-21 4.4B 28.4B 61.7% 43.5% 8 92.7% 5 5.8% 64 \$1-5B **Cabot Corporation** USA USD 09-22 4.3B 4.3B 7.4% 40 28.6% 14 36 18.9% 25 26.8% JPY \$1-5B **Daicel Corporation** 03-22 4.2B 467.9B 0.3% 87 6.5% 68 18.9% 52 34 Japan 16.3% \$1-5B IMCD N.V. Netherlands EUR 12-21 4.1B 3.4B 15.8% 20 13.0% 45 23.8% 42 --\$1-5B Asian Paints Limited India INR 03-22 3.9B 289.2B 14.8% 21 20.1% 34.5% 25 20.6% 21 26 22 6 \$1-5B Elkem ASA Norway NOK 12-21 3.9B 33.1B 19.1% 14 21.8% 36.5% 22 50.3% \$1-5B H.B. Fuller Company USA USD 12-22 3.7B 3.7B 5.4% 54 15.9% 35 14.4% 62 14.4% 37 \$1-5B Kansai Paint Co., Ltd. JPY 03-22 3.7B 419.2B 1.1% 82 1.5% 15.0% 59 19.3% 24 Japan 89 4 \$1-5B COFCO Biotechnology Co., Ltd. China CNY 12-21 3.6B 23.5B 39.1% 9.8% 17.9% -15.4% 78 57 56 \$1-5B Tangshan Sanyou Chemical Industries Co.,Ltd China CNY 12-21 23.2B 3.5% 67 6.3% 69 30.4% 7.0% 60 3.6B 31 \$1-5B MeiHua Holdings Group Co.,Ltd China CNY 12-21 3.5B 22.8B 19.7% 12 25.3% 20 33.9% 27 28.8% 13 \$1-5B Avient Corporation USA USD 12-22 3.4B 3.4B -1.0% 91 2.4% 86 -29.5% 99 -12.6% 77 \$1-5B Fuchs Petrolub SE EUR 3.4B 2.9B 3.8% 63 5.7% 76 26 Germany 12-21 20.7% 48 18.7% \$1-5B Toyobo Co., Ltd. JPY 03-22 3.3B 375.7B 3.2% 71 5.2% 80 11.4% Japan 72 8.7% 56 13.4% 25 \$1-5B Fufeng Group Limited China CNY 12-21 3.3B 21.5B 15.4% 38 29.1% 32 _ -\$1-5B Adeka Corporation Japan JPY 03-22 3.2B 363.0B 10.9% 32 9.3% 60 11.0% 74 6.4% 62 JPY 75 71 \$1-5B Zeon Corporation Japan 03-22 3.2B 361.7B 2.1% 6.0% 19.8% 50 9.2% 54 25.8% 8 54.4% 4 3 \$1-5B Ningbo Shanshan Co.,Ltd. China CNY 12-21 3.2B 20.7B 151.9% 13.4% 38

Detailed Growth Metrics

Avg L4Q-GR: Average latest four quarter growth rate, where reported | LFY: Latest fiscal year (YoY growth rate) Companies sorted by revenues in US\$ equivalent | Top 25 companies by rank highlighted in blue | All growth rates have been calculated on reported currencies

5Y-CAGR Revenues 3Y-CAGR LFY-GR AvgL4Q-GR Company Country rCurr. LFY US\$ rCurr. % Rank % Rank % Rank % Rank rSegm. [No of Companies Ranked]: [100] [100] [99] [80] \$1-5B Synthomer plc UK GBP 12-21 3.2B 2.3B 12.0% 29 26.4% 19 41.7% 18 -\$1-5B LB Group Co., Ltd. China CNY 12-21 3.2B 20.6B 18.8% 16 34.4% 9 45.6% 16 19.7% 23 \$1-5B CNGR Advanced Material Co.,Ltd. China CNY 2 94.4% 4 12-21 3.1B 20.1B 81.2% 1 169.8% 1 75.4% \$1-5B **JSR** Corporation Japan JPY 03-22 3.0B 341.0B -5.2% 95 -15.0% 99 -23.6% 98 2.8% 69 \$1-5B SKC Co., Ltd. 47 18 S Korea KRW 12-21 3.0B 3.4T 6.4% 15.6% 36 25.7% 38 23.6% \$1-5B Yibin Tianyuan Group Co., Ltd. China CNY 55 -9.7% 97 96 55 12-21 2.9B 18.8B 5.3% -13.0% 9.0% \$1-5B Sociedad Quimica y Minera de Chile S.A. Chile USD 12-21 2.9B 2.9B 7.3% 41 21.4% 23 57.5% 11 277.9% 1 \$1-5B Stepan Company USA USD 12-22 2.8B 2.8B 8.6% 36 21.8% 21 18.2% 54 18.2% 28 \$1-5B NewMarket Corporation USA USD 12-22 2.8B 2.8B 4.8% 59 17.3% 30 17.3% 17.3% 32 58 \$1-5B Toyo Ink SC Holdings Co., Ltd. JPY 12-21 288.0B 1.8% 78 1.4% 90 11.8% 70 11.0% 48 Japan 2.6B \$1-5B Tokuyama Corporation Japan JPY 03-22 2.6B 293.8B -1.2% 93 -3.6% 96 -2.8% 95 16.4% 33 \$1-5B Croda International Plc UK GBP 12-21 2.6B 8.3% 37 17.1% 35.9% 1.9B 33 24 _ -\$1-5B PT. Chandra Asri Petrochemical Tbk Indonesia USD 12-21 2.6B 2.6B 1.6% 79 17.1% 32 ----\$1-5B **Element Solutions Inc** USA USD 12-22 2.5B 2.5B 6.8% 44 17.3% 29 6.2% 84 6.2% 63 \$1-5B Novozymes A/S Denmark DKK 12-22 2.5B 17.6B 5.1% 17.4% 17.4% 57 11.9% 50 57 31 \$1-5B EMS-CHEMIE HOLDING AG СН CHF 12-21 2.5B 2.3B 1.2% 2.3% 87 25.1% 39 81 _ -\$1-5B Jihua Group Corporation Limited China CNY 12-21 2.4B 15.5B -11.7% 99 -14.4% 98 3.6% 88 9.4% 53 USA \$1-5B Ashland Inc. USD 09-22 2.4B 2.4B -10.6% 98 1.4% 91 13.3% 67 16.1% 35 \$1-5B China Hainan Rubber Industry Group Co., Ltd. China CNY 12-21 2.4B 15.3B 9.1% 35 5.4% 79 -2.6% 94 -4.0% 75 \$1-5B Tokai Carbon Co., Ltd. JPY 12-21 2.4B 258.9B 24.9% 9 -0.6% 33 32.3% 10 Japan 94 28.4% \$1-5B Sumitomo Bakelite Company Limited JPY 03-22 2.3B 263.1B 5.6% 53 12.8% 47 25.9% 37 10.9% Japan 49 Yip's Chemical Holdings Limited 14.7% 12 \$1-5B Hong Kong HKD 12-21 2.3B 17.8B 23 30.4% 65.2% 9 _ -\$1-5B Venator Materials PLC UK USD 12-22 2.2B 2.2B -1.0% 92 5.9% 74 -1.8% 93 -1.8% 74 \$1-5B USA USD Minerals Technologies Inc. 12-22 2.1B 2.1B 4.1% 61 15.4% 37 14.4% 61 14.4% 36 \$1-5B CSG Holding Co., Ltd. CNY 5.8% 52 27.7% China 12-21 2.1B 13.6B 14.1% 43 35 5.5% 65

Methodology, Data Sources, Limitations

What is the data source for this report?

This report has been compiled from our online analytical tool, <u>Global Public Companies - Revenue Dashboard (aranca.com</u>). Data for this analytical tool in turn has been curated from income statements that we source from a vendor of Financial APIs, and supplemented with inputs from company filings, where required.

Does the Revenue and Rankings dashboard cover all publicly-traded companies?

We estimate our coverage to currently be in the range of 95%, with data on some frontier markets being the main gap. Our ende avor is to reach a 99% coverage level as soon as possible. To that extent, we acknowledge that we may have missed out on one or two companies of interest to you in a particular industry or country.

What is your basis of segmentation or classification?

From a segmentation perspective, we have currently used standard industrial classification and HQ country as filters. Going forward, Aranca will leverage its extensive internal expertise of global markets / industries to build its own taxonomy (sub-segments) for different industries. This will make the benchmarking exercise even more relevant and insightful.

How frequently are these reports updated?

We will be updating these reports once a fortnight to ensure that latest filings from across the globe are captured as frequently as possible.

Have been growth rates been calculated based on reported currency?

All growth rates presented in this report have been calculated based on reported currency, unless otherwise specified. US\$ equivalent revenues, calculated from time-series exchange rate data, have been used to rank companies based on sales

How accurate is your dataset?

While we have implemented several measures to ensure accuracy of the information provided here, there are chances of errors in 1% of cases. These errors are mainly around filing date mismatches, reporting currency and data missing for some quarters.

What are the terms and conditions relating to use of this dataset and the online dashboard?

The data here can be used for supporting internal business or investment decisions. All information is provided on an 'as-is" and "as-available" basis, and we make no representations or warranties of any kind, express or implied, as to the content or material included on this document or on the website tool. No content may be reproduced, republished, sold, licensed, or otherwise exploited for any commercial purpose whatsoever, without our prior written permission.

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Where can we get more information on a company or industry?

You can leverage our online analytical tool, Global Public Companies - Revenue Dashboard (aranca.com), for more information on over 27,500 global companies

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