responsibly solving for a better world

corporate presentation

September 14, 2022

investor.ashland.com



/ efficacy usability allure integrity profitability™





forward looking statements

This presentation contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended and Section 21E of the Securities Exchange Act of 1934, as amended. Ashland has identified some of these forward-looking statements with words such as "anticipates," "believes," "estimates," "is likely," "predicts," "projects," "forecasts," "objectives," "may," "will," "should," "plans" and "intends" and the negative of these words or other comparable terminology. Ashland may from time to time make forward-looking statements in its annual reports, quarterly reports and other filings with the SEC, news releases and other written and oral communications. These forward-looking statements are based on Ashland's expectations and assumptions, as of the date such statements are made, regarding Ashland's future operating performance, financial condition, and expected effects of the COVID-19 pandemic on Ashland's business, as well as the economy and other future events or circumstances. These statements include, but may not be limited to, the statements under Long Term Growth Objectives on page 13, Creating Value for All Stakeholders on page 15, and Outlook on page 19 of the presentation, and Ashland's expectations regarding its ability to drive sales and earnings growth and realize further cost reductions. Ashland's expectations and assumptions include, without limitation, internal forecasts and analyses of current and future market conditions and trends, management plans and strafegies, operating efficiencies and economic conditions, such as prices, supply and demand, cost of raw materials, and the ability to recover raw-material cost increases through price increases), and risks and uncertainties associated with the following: the impact of acquisitions and/or divestitures (including the possibility that such indebtedness and related restrictive covenants may adversely affect Ashland's future cash flows, results of operations, financial condition and its ability to repay debt); severe weat

Regulation G: Adjusted Results

The information presented herein regarding certain unaudited adjusted results does not conform to generally accepted accounting principles in the United States (U.S. GAAP) and should not be construed as an alternative to the reported results determined in accordance with U.S. GAAP. Ashland has included this non-GAAP information to assist in understanding the operating performance of the company and its reportable segments. The non-GAAP information provided may not be consistent with the methodologies used by other companies. All non-GAAP information has been reconciled with reported U.S. GAAP results.



agenda

- o corporate overview
- o financial performance
- closing comments
- o Q&A









Ashland¹



life sciences ~34% of sales

sales
adjusted EBITDA
adjusted EBITDA maraj

\$2.4 billion \$592 million

\$592 million

adj. EBITDA margin 25.2 %



personal care ~29% of sales

specialty additives ~30% of sales



size and critical mass to succeed strong financials
diversification of three segments

geographically well positioned

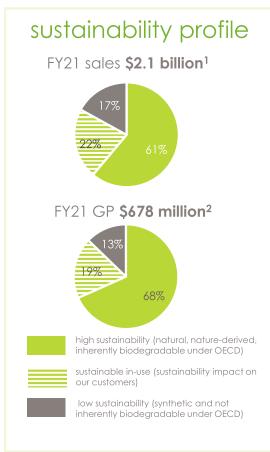




J All figures as of the last twelve months ended June 30, 2022. All figures are presented on an adjusted basis except Sales. The appendix reconciles adjusted amounts to amounts reported under GAAP, including reconciliations of net income to EBITDA and adjusted EBITDA, operating income to adjusted operating income.

unique specialty profile





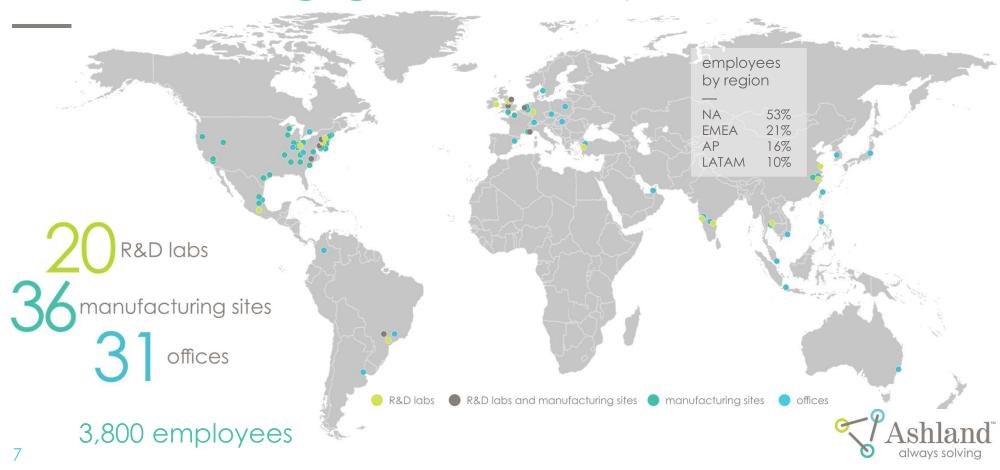
>\$2 Bn additives and specialty ingredients company focused on consumer-driven end markets

- o strong financial profile
 - expanding EBITDA margins
 - o enhanced free cash flow generation
- leadership position in core, high quality, resilient consumer-driven markets - pharma, personal care, architectural coatings
- o best in class global infrastructure
- o investing to grow our core businesses
- o strong innovation culture and capabilities
- aligned technology portfolio where environment, social and governance (ESG) is a growth and innovation opportunity



¹ fiscal year 2021 sales. ² adjusted for key items

far reaching global footprint



priorities



profitable growth

- rebalanced our innovation portfolio
- consumer-market focus
- intensifying ESG initiatives
- geographic expansion
- bolt-on M&A
 - Pharma
 - Personal Care
 - Coatings



margin expansion

- accelerate innovation growth
- value pricing
- mix improvement
- productivity



enhanced FCF

- prioritize organic growth CAPEX
- improved working capital efficiency
- strategically aligned M&A
- efficient balance sheet
- continued rewarding shareholders





ESG is integral to our future

embedded in our strategy and operating plans; intense commitment to environment, social and governance (ESG) as a growth driver





megatrends and growth



aging population healthy lifestyle

- o grow leadership position in oral solid dosage (OSD)
- expand injectables & biomed consumables
- o leverage portfolio in nutrition



clean beauty and ESG

- o capitalize on consumer-driven megatrends
- o pivot innovation to sustainable technology platforms
- o expand our market-leading biofunctionals geographically
- broaden our natural, nature-derived and biodegradable portfolio



rising middle class

- drive **geographic growth** of our rheology franchise
- expand global architectural coatings franchise beyond rheology
- drive margin enhancement in other business lines



portfolio coherence

- leverage integration strength
- build new core businesses



innovation is core to driving value

- record number of new product introductions
- o 100% of FY22 launches focused on growth
- 89% of the launches FY22 year-to-date are highly sustainable
- disciplined innovation process (project and portfolio management)
- business unit ownership of strategy and innovation priorities
- corporate oversight of portfolio and investments









ESG is embedded in our strategy

our purpose- to responsibly solve for a better world



environment

core driver of innovations portfolio

















social

global STEM and education focus; inclusion and diversity







governance

management and board ESG literacy



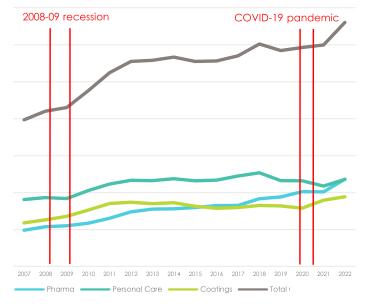




unique portfolio with resilient growth drivers

resilient end markets with demonstrated demand stability (even in recessions)

sales¹ (US\$ million, constant currency basis)



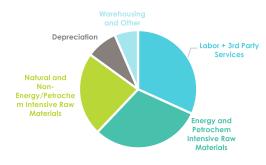
incremental profitable growth opportunities (independent of recessions)



- o favorable megatrends
- Innovation
- ESG focus
- geographic diversity
- bolt-on M&A strategy

lower exposure to petrochemical-based volatility (inflation drivers)





- o cellulose / natural raw-materials
- U.S. natural gas
- fragmented basket of other raw materials
- o energy and transportation

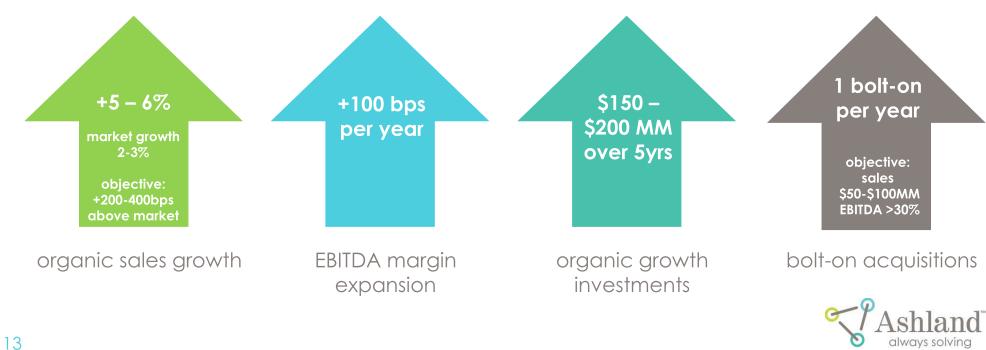


-12

FY2022 = 9 months annualized. Personal Care results excludes Pharmachem and Schulke & Mayr acquisitions and purchase-for-resale (PFR) exits.

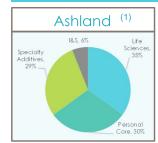
long term growth objectives

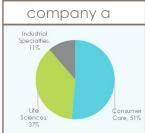
compelling opportunity for growth, margin expansion and cash generation



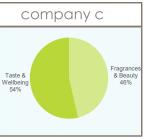
value potential

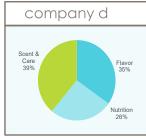
undervalued compared to peer group











while future expectations of Ashland's growth and profitability are in-line with peers a substantial valuation discount remains









creating value for all stake holders

by fiscal year 2026.....

- sales of > \$3.2 billion
- EBITDA of ~\$900 million
- EBITDA margins >30%
- o cumulative free cash flow of \$2.1 \$2.6 billion

over the next 5 years, we expect to invest ~\$2.0 – \$2.5 billion in bolt-on acquisitions and return ~\$1.5 billion to shareholders







strong, resilient performance

in a world of accelerating change

resilient sales, profit and margins exceeding pre-pandemic levels

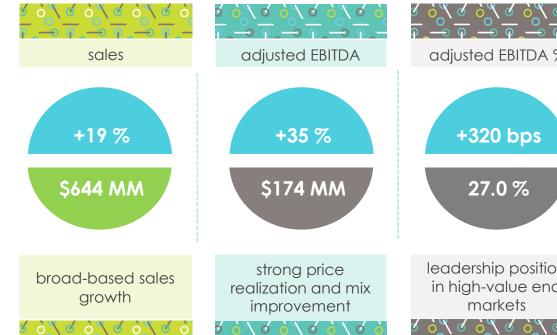
strong cost recovery in a high inflation environment

innovation record number of new product introductions growing significantly





outstanding Q3 performance





- strong financial profile with attractive and sustainable margins
- solid balance sheet
- significant cash flow generation
- option to redeploy cash to profitable growth and return to shareholders

2 Unless otherwise noted, earnings are reported on a diluted-share basis.



Comparisons versus prior year. All figures are presented on an adjusted basis except Sales. Appendix B reconciles adjusted amounts to amounts reported under GAAP, including reconciliations of net income to EBITDA and adjusted EBITDA, operating income to adjusted operating income, income from continuing operations to adjusted income from continuing operations, diluted earnings per share to adjusted diluted earnings per share and adjusted diluted earnings per share, excluding amortization expense.

outlook

fiscal-year 2022 guidance confirmed; tracking to high-end of sales and EBITDA ranges

forward looking insights

- fiscal-fourth quarter (Q4)
 - robust demand continues
 - financial results in July and August above expectations
 - strong order book in September
 - inventory levels improving
 - shipping reliability continues to impact on-time delivery
- o pricing to address cost inflation
- no changes to underlying operating performance
- raw-material availability challenging but improving
- some improvement in trucking availability and cost

risks entering fiscal year 2023

- o impact of Russia / Ukraine war
- o energy cost and availability in Europe
- o rising global energy costs
- o general cost inflation
- strengthening US dollar leading to FX headwinds
- o reliability / cost of ocean freight
- o global recession concerns
- COVID-related lockdowns in China and other countries



agile, disciplined, focused on what we can control







Ashland

focused additives and specialty ingredients company

- o flexible, agile
- o consistent execution
- o solid growth
- high margins
- o strong free cash flow



leadership positions in high-quality markets and with exciting profitable growth opportunities



strong technology, commercial and operations capabilities



global infrastructure



compelling growth platforms with scale and sustainable competitive advantage



strong financial performance and cash flow generation

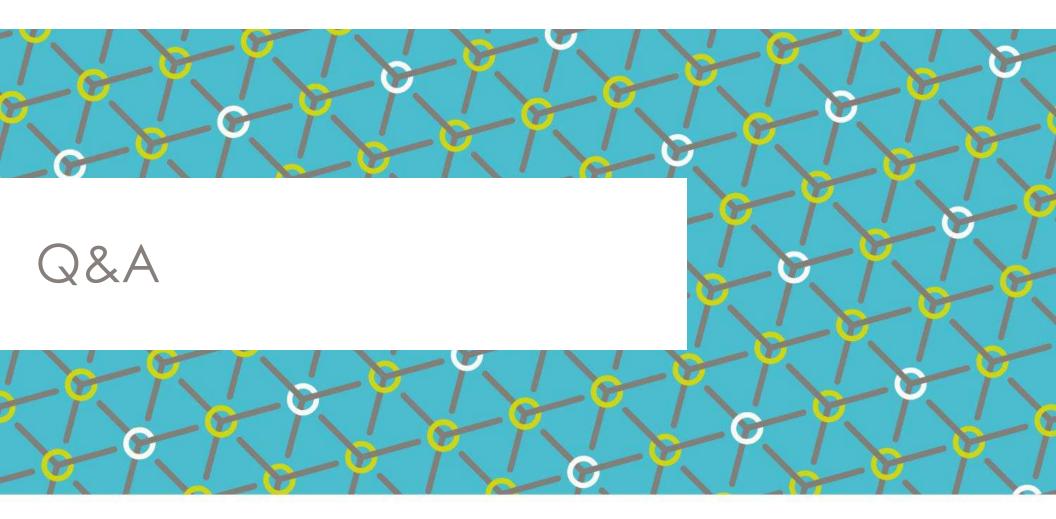


experienced management team with proven track record and execution discipline



ESG is embedded in our strategy and operating plans











Ashland Global Holdings Inc. and Consolidated Subsidiaries Reconciliation of Non-GAAP Data for 12 Months Ended June 30, 2022

(\$ millions, except percentages)

| Sales ¹ | Q3 22 | Q2 22 | Q1 22 | Q4 21 | Total | | Q3 21 |
|---------------------------------|-----------|-----------|-----------|-----------|-------------|---|-----------|
| Life Sciences | \$ 228 | \$ 204 | \$ 170 | \$ 189 | \$ 791 | _ | \$ 193 |
| Personal Care | 172 | 172 | 147 | 183 | 674 | | 147 |
| Specialty Additives | 194 | 182 | 156 | 181 | 713 | | 169 |
| Intermediates | 73 | 66 | 53 | 60 | 252 | | 49 |
| Less: Intercompany Eliminations | (23) | (20) | (14) | (22) | (79) | | (15) |
| Total | \$ 644 | \$ 604 | \$ 512 | \$ 591 | \$ 2,351 | | \$ 543 |

Adjusted

| | | | | | | EBITDA | |
|------------------------------|-----------|-----------|-----------|-----------|-----------|--------|-----------|
| Adjusted EBITDA ¹ | Q3 22 | Q2 22 | Q1 22 | Q4 21 | Total | Margin | Q3 21 |
| Life Sciences | \$ 67 | \$ 58 | \$ 36 | \$ 48 | \$ 209 | 26.4% | \$ 53 |
| Personal Care | 46 | 49 | 36 | 51 | 182 | 27.0% | 39 |
| Specialty Additives | 57 | 48 | 38 | 47 | 190 | 26.6% | 39 |
| Intermediates | 33 | 30 | 19 | 21 | 103 | 40.9% | 15 |
| Unallocated | (29) | (22) | (23) | (18) | (92) | | (17) |
| Total | \$ 174 | \$ 163 | \$ 106 | \$ 149 | \$ 592 | 25.2% | \$ 129 |



Ashland Global Holdings Inc. and Consolidated Subsidiaries Segment Components of Key Items for Applicable

Income Statement Captions
for 3 Months Ended June 30, 2022

| for 3 Months Ended June 30, 2022 | | | | Th | ree Mo | onths End | ded Jun | e 30, 20 | 22 | | | |
|---|--------|---------------|----|------------------|--------|------------------------|---------|-------------------|----------|------------------------|----|-------------|
| (\$ millions) | Life S | Life Sciences | | Personal Care | | Specialty Additives | | Intermediate s | | Unallocated & Other | | otal |
| OPERATING INCOME (LOSS) Operating key items: | LITO | 001011003 | | 2010 | 7.00 | annves | | 3 | <u> </u> | 211101 | | 3101 |
| Environmental reserve adjustments Restructuring, separation and other costs | \$ | - | \$ | - | \$ | (1) | \$ | - | \$ | (35) (1) | \$ | (36) (1) |
| All other operating income (loss) Operating income (loss) | | 51 51 | | 25 25 | | 36 35 | | 30 | | (28) | _ | 77 |
| NET INTEREST AND OTHER EXPENSE Key items | | | | | | | | | | 48 | | 48 |
| All other net interest and other expense | | | | | | | | | | 11 59 | | 11 59 |
| OTHER NET PERIODIC BENEFIT LOSS Key items | | | | | | | | | | (1) | | (1) |
| NET INCOME ON ACQUISITIONS AND DIVESTITURES Key items | | | | | | | | | | 35 | | 35 |
| INCOME TAX EXPENSE (BENEFIT) | | | | | | | | | | 45.11 | | |
| Tax effect of key items ⁽¹⁾ Tax specific key items ⁽²⁾ | | | | | | | | | | (16) | | (16) |
| All other income tax expense | | | | | | | | | | 17 | | 17 |
| INCOME (LOSS) FROM CONTINUING OPERATIONS | \$ | 51 | \$ | 25 | \$ | 35 | \$ | 30 | \$ | (90) | \$ | 51 |

 $^{^{(1)}}$ Represents the tax effect of the key items that are previously identified above.



⁽²⁾ Represents key items resulting from tax specific financial transactions, tax law changes or other matters that fall within the definition of tax specific key items. See Table 7 for additional information.

Ashland Global Holdings Inc. and Consolidated Subsidiaries

Segment Components of Key Items for Applicable Income Statement Captions for 3 Months Ended June 30, 2021

| (\$ millions) | Three Months Ended June 30, 2021 | | | | | | | | | | | |
|---|----------------------------------|------------------|----|----------------|----|--------------------|-------------------|-------------|------------------------|------------------|----|------------------|
| | Life Sciences | | | rsonal Care | | ecialty ditives | Intermediate s | | Unallocated & Other | | | Total |
| OPERATING INCOME (LOSS) Operating key items: | LITE 3 | <u>cierices </u> | | <u>Jaie</u> | | anives | | 3 | 0. (| JIIIGI | | Total |
| Restructuring, separation and other costs Inventory adjustment Environmental reserve adjustments | \$ | - - - | \$ | (2) | \$ | - (3) | \$ | - - - | \$ | 2 - (18) | \$ | 2 (2) (21) |
| All other operating income (loss) Operating income (loss) | | 37 | | 18 | | 18 | | 11 | | (18) | | 45 |
| NET INTEREST AND OTHER EXPENSE Key items All other net interest and other expense | | | | | | | | | | (15) 16 | _ | (15) 16 |
| NET INCOME ON ACQUISITIONS AND DIVESTITURES Key items | | | | | | | | | | 2 | | 2 |
| INCOME TAX EXPENSE (BENEFIT) Tax effect of key items ⁽¹⁾ Tax specific key items ⁽²⁾ All other income tax expense (benefit) | | | | | | | | | | (1) (33) 8 | | (1) (33) 8 |
| INCOME (LOSS) FROM CONTINUING OPERATIONS | \$ | 37 | \$ | 16 | \$ | 15 | \$ | 11 | \$ | (26) | \$ | (26) 72 |

⁽¹⁾ Represents the tax effect of the key items that are previously identified above.



⁽²⁾ Represents key items resulting from tax specific financial transactions, tax law changes or other matters that fall within the definition of tax specific key items. See Table 7 for additional information.

Ashland Global Holdings Inc. and Consolidated Subsidiaries Reconciliation of Non-GAAP Data – Free Cash Flow and

Adjusted Operating Income for the 3 and 9 Months Ended June 30, 2022

| T | | | nded | | | | ded |
|----|------|--|---|--|---------|---|---|
| | 2022 | - 1 | 2021 | - 2 | 2022 | - : | 2021 |
| | | | | | | | |
| \$ | (17) | \$ | 195 | \$ | 14 | \$ | 314 |
| | | | | | | | |
| | (29) | | (22) | | (67) | | (74) |
| \$ | (46) | \$ | 173 | \$ | (53) | \$ | 240 |
| | 47 | | (76) | | 42 | | (76) |
| | 4 | | 6 | | 9 | | 35 |
| | 8 | | 9 | | 36 | | 29 |
| \$ | 13 | \$ | 112 | \$ | 34 | \$ | 228 |
| \$ | 174 | \$ | 129 | \$ | 443 | \$ | 346 |
| | 7% | | 87% | | 8% | | 66% |
| | | \$ (17) \$ (29) \$ (46) 47 4 8 \$ 13 | \$ (17) \$ (29) \$ (46) \$ 47 4 8 \$ 13 \$ \$ | 2022 2021 \$ (17) \$ 195 (29) (22) \$ (46) \$ 173 47 (76) 4 6 8 9 \$ 13 \$ 112 \$ 174 \$ 129 | June 30 | June 30 June 30 2022 2021 2022 \$ (17) \$ 195 \$ 14 (29) (22) (67) \$ (46) \$ 173 \$ (53) 47 (76) 42 4 6 9 8 9 36 \$ 13 \$ 112 \$ 34 \$ 174 \$ 129 \$ 443 | June 30 2022 2021 2022 2 \$ (17) \$ 195 \$ 14 \$ (29) (22) (67) \$ (46) \$ 173 \$ (53) \$ 47 (76) 42 4 6 9 8 9 36 \$ 13 \$ 112 \$ 34 \$ \$ 174 \$ 129 \$ 443 \$ |

⁽¹⁾ Represents activity associated with the U.S. Accounts Receivable Sales Program impacting each period presented.

Ongoing free cash flow divided by Adjusted EBITDA

| | | l r | nree moi Jun | 1 | ided | | | | |
|---|---|-----|-----------------|----|------|----|------|----|------|
| | Adjusted operating income | 2 | 022 | 20 | 021 | 2 | 2022 | | 2021 |
| | Operating income (loss) (as reported) | \$ | 77 | \$ | 45 | \$ | 212 | \$ | 111 |
| | Key items, before tax: | | | | | | | | |
| | Restructuring, separation and other costs | | 1 | | (2) | | 3 | | 10 |
| | Environmental reserve adjustments | | 36 | | 21 | | 46 | | 34 |
| 7 | Inventory adjustments | | - | | 2 | | - | | 2 |
| | Capital project impairment | | - | | - | | - | | 9 |
| | Adjusted operating income (non-GAAP) | \$ | 114 | \$ | 66 | \$ | 261 | \$ | 166 |
| | | | | | | | | | |



Restructuring payments incurred during each period presented.

⁽³⁾ Represents cash outflows associated with environmental and related litigation payments which will be reimbursed by the Environmental trust.

⁽⁴⁾ See Adjusted EBITDA reconciliation.

Ashland Global Holdings Inc. Reconciliation of Non-GAAP Data – Adjusted EBITDA for 3 Months Ended June 30, 2022

(\$ millions)

| | | Jun | | |
|---|----|------|----|------|
| Adjusted EBITDA - Ashland Global Holdings Inc. | 2 | 022 | 2 | 2021 |
| Net income | \$ | 36 | \$ | 80 |
| Income tax expense (benefit) | | 1 | | (26) |
| Net interest and other expense | | 59 | | 1 |
| Depreciation and amortization | | 61 | | 63 |
| EBITDA | | 157 | | 118 |
| Income (loss) from discontinued operations (net of taxes) | | 15 | | (8) |
| Net income on acquisitions and divestitures key items (see pages 35 & 36) | | (35) | | (2) |
| Operating key items (see pages 35 & 36) | | 37 | | 21 |
| Adjusted EBITDA | \$ | 174 | \$ | 129 |



Three months ended

Ashland Global Holdings Inc. Reconciliation of Non-GAAP Data – Adjusted EBITDA for 3 Months Ended June 30, 2022

| llions) | | | e m une | onths 30 |
|---|----|------|------------|-------------|
| Adjusted EBITDA - Life Sciences | _ | 2022 | | 2021 |
| Operating income | \$ | 51 | \$ | 37 |
| Add: | | | | |
| Depreciation and amortization | | 16 | | 16 |
| Operating key items (see pages 35 and 36) | | _ | | _ |
| Adjusted EBITDA | \$ | 67 | \$ | 53 |
| Adjusted EBITDA - Personal Care | | | | |
| Operating income | \$ | 25 | \$ | 16 |
| Add: | | | | |
| Depreciation and amortization | | 21 | | 21 |
| Operating key items (see pages 35 and 36) | | - | | 2 |
| Adjusted EBITDA | \$ | 46 | \$ | 39 |



Specialties Additives and Intermediates Reconciliation of Non-GAAP Data – Adjusted EBITDA for 3 Months Ended June 30, 2022

| millions) | Three Ju | e ma ine (| |
|---|-------------|---------------|------|
| | 2022 | | 2021 |
| Adjusted EBITDA - Specialty Additives | | | |
| Operating income | \$ 35 | \$ | 15 |
| Add: | | | |
| Depreciation and amortization | 21 | | 21 |
| Operating key items (see pages 35 and 36) | 1 | | 3 |
| Adjusted EBITDA | \$ 57 | \$ | 39 |
| Adjusted EBITDA - Intermediates | | | |
| Operating income | \$ 30 | \$ | 11 |
| Add: | | | |
| Depreciation and amortization | 3 | | 4 |
| Operating key items (see pages 35 and 36) | _ | | _ |
| Adjusted EBITDA | \$ 33 | \$ | 15 |



Ashland Global Holdings Inc. and Consolidated Subsidiaries

Reconciliation of Non-GAAP Data – Adjusted Income from Continuing Operations for the 3 and 9 Months Ended June 30, 2022 and 2021

| \$ millions) | | Jun | e 30 | | | Jun | e 30 | |
|--|----|------|------|------|----|------|------|------|
| | 2 | 2022 | 2 | 2021 | 2 | 2022 | 2 | 2021 |
| Income from continuing operations (as reported) Key items, before tax: | \$ | 51 | \$ | 72 | \$ | 121 | \$ | 139 |
| Restructuring, separation and other costs | | 1 | | (2) | | 3 | | 10 |
| Unrealized (gain) loss on securities | | 48 | | (15) | | 72 | | (26) |
| Inventory adjustment | | - | | 2 | | - | | 2 |
| Environmental reserve adjustments | | 36 | | 21 | | 46 | | 34 |
| Gain on acquisitions and divestitures | | (35) | | (2) | | (42) | | (11) |
| Impairments | | - | | - | | - | | 9 |
| Key items, before tax | · | 50 | | 4 | | 79 | | 18 |
| Tax effect of key items ⁽¹⁾ | | (16) | | (1) | | (22) | | (3) |
| Key items, after tax | | 34 | | 3 | | 57 | | 15 |
| Tax specific key items: | | | | | | | | |
| Restructuring and separation activity | | - | | - | | 10 | | (13) |
| Valuation allowance | | - | | - | | (4) | | - |
| Uncertain tax positions | | | | (33) | | | | (39) |
| Tax specific key items ⁽²⁾ | | - | | (33) | | 6 | | (52) |
| Total key items | | 34 | | (30) | | 63 | | (37) |
| Adjusted income from continuing operations (non-GAAP) | \$ | 85 | \$ | 42 | \$ | 184 | \$ | 102 |
| Amortization expense adjustment (net of tax) (3) | | 19 | | 18 | | 57 | | 53 |
| Adjusted income from continuing operations (non-GAAP) excluding intangibles amortization expense | \$ | 104 | \$ | 60 | \$ | 241 | \$ | 155 |

Represents the tax effect of the key items that are previously identified above.

(3) Amortization expense adjustment (net of tax) tax rates were 20% for the three and nine months ended June 30, 2022 and 21% for the three and six months ended June 30, 2021.



Three months ended Nine months ended

Represents key items resulting from tax specific financial transactions, tax law changes or other matters that fall within the definition of tax specific key items. These tax specific key items included the following:

⁻ Restructuring and separation activity: Includes the impact from company-wide restructuring activities. These adjustments related to various tax impacts including state tax costs, foreign tax costs and other tax account adjustments.

⁻ Uncertain tax positions: Includes the impact from settlement of certain tax positions with various tax authorities,

Ashland Global Holdings Inc. and Consolidated Subsidiaries

Reconciliation of Non-GAAP Data – Adjusted Diluted EPS from Continuing Operations for the 3 and 9 Months Ended June 30, 2022 and 2021

| | | 2022 2021 2022 \$ 0.93 \$ 1.17 \$ 2.12 0.02 (0.04) 0.06 0.87 (0.24) 1.26 - 0.03 - 0.65 0.33 0.81 | | | | e 30 | ı | |
|---|-----|---|----|--------|-----|--------|----|--------|
| | - 2 | 2022 2021 \$ 0.93 \$ 1.17 0.02 (0.04) 0.87 (0.24) - 0.03 0.65 0.33 (0.63) (0.03) - - 0.91 0.05 (0.29) (0.02) 0.62 0.03 - - - (0.52) 0.62 (0.49) \$ 1.55 \$ 0.68 0.34 0.30 | | | - 1 | 2022 | | 2021 |
| Diluted EPS from continuing operations (as reported) | \$ | 0.93 | \$ | 1.17 | \$ | 2.12 | \$ | 2.27 |
| Key items, before tax: | | | | | | | | |
| Restructuring, separation and other costs | | 0.02 | | (0.04) | | 0.06 | | 0.16 |
| Unrealized (gain) loss on securities | | 0.87 | | (0.24) | | 1.26 | | (0.42) |
| Inventory adjustment | | - | | 0.03 | | - | | 0.03 |
| Environmental reserve adjustments | | 0.65 | | 0.33 | | 0.81 | | 0.54 |
| Gain on acquisitions and divestitures | | (0.63) | | (0.03) | | (0.73) | | (0.17) |
| Impairments | | - | | - | | - | | 0.16 |
| Key items, before tax | | 0.91 | | 0.05 | | 1.40 | | 0.30 |
| Tax effect of key items ⁽¹⁾ | | (0.29) | | (0.02) | | (0.39) | | (0.05) |
| Key items, after tax | | 0.62 | | 0.03 | | 1.01 | | 0.25 |
| Tax specific key items: | | | | | | | | |
| Restructuring and separation activity | | - | | - | | 0.18 | | (0.22) |
| Valuation allowance | | - | | - | | (0.07) | | - |
| Uncertain tax positions | | - | | (0.52) | | | | (0.63) |
| Tax specific key items ⁽²⁾ | | - | | (0.52) | | 0.11 | | (0.85) |
| Total key items | | 0.62 | | (0.49) | | 1.12 | | (0.60) |
| Adjusted diluted EPS from continuing operations (non-GAAP) | \$ | 1.55 | \$ | 0.68 | \$ | 3.24 | \$ | 1.67 |
| Amortization expense adjustment (net of tax) (3) | | 0.34 | | 0.30 | | 1.00 | | 0.85 |
| Adjusted diluted EPS from continuing operations (non-GAAP) excluding intangibles amortization expense | \$ | 1.89 | \$ | 0.98 | \$ | 4.24 | \$ | 2.52 |



Three months ended Nine months ended

Represents the tax effect of the key items that are previously identified above.

Represents key items resulting from tax specific financial transactions, tax law changes or other matters that fall within the definition of tax specific key items. These tax specific key items included the following:

⁻ Restructuring and separation activity: Includes the impact from company-wide restructuring activities. These adjustments related to various tax impacts including state tax costs, foreign tax costs and other tax account adjustments.

⁻ Uncertain tax positions: Includes the impact from settlement of certain tax positions with various tax authorities.

Amortization expense adjustment (net of tax) tax rates were 20% for the three and six months ended June 30, 2022 and 21% for the three and six months ended June 30, 2021.

