
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

POST-EFFECTIVE AMENDMENT NO. 1

TO

FORM S-8

REGISTRATION STATEMENT

Under

The Securities Act of 1933

ASHLAND GLOBAL HOLDINGS INC.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

81-2587835
(IRS Employer
Identification No.)

50 E. RiverCenter Boulevard
Covington, Kentucky 41011
(Address of principal registered offices) (Zip Code)

AMENDED AND RESTATED 2011 ASHLAND INC. INCENTIVE PLAN
(Full title of the Plan)

Peter J. Ganz, Esq.
Senior Vice President, General Counsel and Secretary
50 E. RiverCenter Boulevard
Covington, Kentucky 41011
(Name and address of agent for service)

(859) 815-3333
(Telephone number, including area code, of agent for service)

Indicate by check mark whether the Registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer

Accelerated filer

Non-accelerated filer (Do not check if a smaller reporting company)

Smaller reporting company

EXPLANATORY NOTE

This Post-Effective Amendment No. 1 (the “**Amendment**”) to the registration statement on Form S-8, Registration No. 333-186408 of Ashland Inc., a Kentucky corporation (“**Predecessor Registrant**”) relating to 2,000,000 shares of the Predecessor Registrant’s common stock (the “**Registration Statement**”), is being filed pursuant to Rule 414 under the Securities Act of 1933, as amended (the “**Securities Act**”) by Ashland Global Holdings Inc., a Delaware corporation, as the successor registrant (the “**Successor Registrant**”) to the Predecessor Registrant. Such succession has occurred as part of the planned internal reorganization of the Predecessor Registrant by which a wholly-owned subsidiary of the Successor Registrant was merged into the Predecessor Registrant. The merger (the “**Merger**”) was effected on September 20, 2016 in accordance with the Agreement and Plan of Merger, dated May 31, 2016 by and between the Predecessor Registrant, the Successor Registrant and Ashland Merger Sub Corp. (the “**Merger Agreement**”). As a result of the Merger, the Successor Registrant has become the parent holding company of the Predecessor Registrant.

The Merger was approved by the shareholders of the Predecessor Registrant at a special meeting of the Predecessor Registrant’s shareholders held on September 7, 2016. Pursuant to the Merger, the outstanding shares of the Predecessor Registrant’s common stock were exchanged on a one-for-one basis for shares of the Successor Registrant’s common stock. As a result, the shares of common stock of the Successor Registrant were owned, immediately after the Merger, by the Predecessor Registrant’s shareholders in the same proportion as their ownership of the Predecessor Registrant’s shares of common stock immediately prior to the Merger. Each person that held rights to purchase or otherwise acquire shares of common stock of the Predecessor Registrant under any stock appreciation right, performance share award, restricted share award, restricted stock unit, common stock unit, deferred stock unit, option or other incentive award or deferral covering shares of the common stock of the Predecessor Registrant, whether vested or not vested, that are outstanding under each equity incentive or deferred compensation plan of the Predecessor Registrant immediately prior to the Merger holds rights to purchase or otherwise acquire a corresponding number of shares of common stock of the Successor Registrant.

The Successor Registrant is a publicly traded company with reporting obligations under the Securities Exchange Act of 1934, as amended (the “**Exchange Act**”) and is the successor issuer to the Predecessor Registrant pursuant to Rule 12g-3(a) thereunder. The Successor Registrant’s common stock is listed on the New York Stock Exchange under the same ticker symbol formerly used by the Predecessor Registrant, “ASH”. The Merger did not result in any material changes in the business, offices, assets, liabilities, obligations, net worth, directors, officers or employees of the Successor Registrant as compared to the Predecessor Registrant. The Successor Registrant continues to maintain its principal executive offices at 50 E. RiverCenter Boulevard, Covington, Kentucky 41011. In connection with the Merger, the Successor Registrant assumed the Predecessor Registrant’s obligations under the Amended and Restated 2011 Ashland Inc. Incentive Plan.

In accordance with paragraph (d) of Rule 414 under the Securities Act, the Successor Registrant hereby expressly adopts the Registration Statement as its own registration statement except to the extent amended by this Amendment, for all purposes of the Securities Act and the Exchange Act.

This Post-Effective Amendment No. 1 to the Registration Statement shall hereafter become effective in accordance with the provisions of Section 8(c) of the Securities Act.

PART II

Information Required in the Registration Statement

Item 3. Incorporation of Documents by Reference

The following documents, which have been filed with the Securities and Exchange Commission (the “SEC”) by the Successor Registrant or the Predecessor Registrant are incorporated by reference in this registration statement:

- (a) The Predecessor Registrant’s Annual Report on Form 10-K filed on November 20, 2015, which contains audited financial statements for the Predecessor Registrant’s fiscal year ended September 30, 2015;
- (b) All other reports filed by the Predecessor Registrant or the Successor Registrant pursuant to Section 13(a) or 15(d) of the Exchange Act since the end of the fiscal year covered by the Predecessor Registrant’s Annual Report referred to in (a) above; and
- (c) The Successor Registrant’s Amended and Restated Certificate of Incorporation filed on August 3, 2016 as Annex II to the Successor Registrant’s Registration Statement on Form S-4 (the “*Certificate*”), in which are described the terms, rights and provisions applicable to the Successor Registrant’s outstanding Common Stock.

All reports and definitive proxy or information statements filed by Successor Registrant pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act subsequent to the date hereof and prior to the filing of a post-effective amendment which indicates that all securities offered hereby have been sold or which de-registers all securities then remaining unsold shall be deemed to be incorporated by reference herein and to be a part hereof from the date of filing of such documents. Notwithstanding the foregoing, a report furnished on Form 8-K shall not be incorporated by reference herein unless expressly done so. Any statement contained in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes hereof to the extent that a statement contained herein or in any subsequently filed document which also is deemed to be incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part hereof.

Item 4. Description of Securities

Not Applicable.

Item 5. Interests of Named Experts and Counsel

Not Applicable.

Item 6. Indemnification of Directors and Officers

A. Indemnification

The General Corporation Law of the State of Delaware (the “DGCL”) provides that a corporation may indemnify any individual made, or threatened to be made, a party to any type of proceeding because he or she is or was an officer, director, employee or agent of the corporation, or was serving at the request of the corporation as an officer, director, employee or agent of another corporation or entity, against expenses, judgments, fines and amounts paid in settlement actually and reasonably incurred in connection with such proceeding if he or she acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the best interests of the corporation or, in the case of a criminal proceeding, he or she had no reasonable cause to believe that his or her conduct was unlawful. In the case of an action brought by or in the right of the corporation, known as a derivative action, indemnification will be denied if the individual is liable to the corporation, unless otherwise determined by a court.

A corporation must indemnify a present or former director or officer who successfully defends himself or herself in a proceeding to which he or she was a party because he or she was a director or officer of the corporation against expenses actually and reasonably incurred by him or her. Expenses incurred by an officer or director, or any employees or agents as

deemed appropriate by the board of directors, in defending civil or criminal proceedings may be paid by the corporation in advance of the final disposition of such proceedings upon receipt of an undertaking to repay such amount if it shall ultimately be determined that he or she is not entitled to be indemnified.

In general, the Successor Registrant's Certificate permits, and Successor Registrant's Amended and Restated By-laws (the "**By-laws**") require, such indemnification with respect to directors and officers, to the fullest extent permitted under Delaware or other applicable law. The Successor Registrant is required by its By-laws to advance expenses that will be incurred by a director or officer of the Successor Registrant.

B. Limitations on Directors' Liability

The DGCL permits a corporation to adopt a provision in its certificate of incorporation eliminating or limiting the personal liability of a director to the corporation or its shareholders for monetary damages for breach of fiduciary duty as a director, except that such provision may not limit the liability of a director for (i) any breach of the director's duty of loyalty to the corporation or its shareholders, (ii) acts or omissions not in good faith or that involve intentional misconduct or a knowing violation of law, (iii) unlawful payment of dividends or stock purchases or redemptions or (iv) any transaction from which the director derived an improper personal benefit.

The Successor Registrant's Certificate provides that, to the fullest extent that the DGCL or any other law of the State of Delaware permits the limitation or elimination of the liability of directors, no director of the Successor Registrant shall be liable to the Successor Registrant or its shareholders for monetary damages for breach of fiduciary duty as a director.

C. Contracts

The Successor Registrant expects to enter into indemnification agreements with each of its directors that require indemnification to the fullest extent permitted by law (as described above), subject to certain exceptions and limitations.

D. Insurance

Section 145 of the DGCL permits a corporation to purchase and maintain insurance on behalf of directors, officers, employees or agents of the corporation, who are or were serving in that capacity, against liability asserted against or incurred in that capacity or arising from that status, whether or not the corporation would have power to indemnify against the same liability.

The Successor Registrant expects to purchase insurance substantially concurrently with or shortly after the Merger which insures (subject to certain terms and conditions, exclusions and deductibles) the Successor Registrant against certain costs that it might be required to pay by way of indemnification to directors or officers under the Successor Registrant's organizational documents, indemnification agreements or otherwise, and protects individual directors and officers from certain losses for which they might not be indemnified by the Successor Registrant. In addition, the Successor Registrant has purchased insurance that provides liability coverage (subject to certain terms and conditions, exclusion and deductibles) for amounts that the Successor Registrant or the fiduciaries under their employee benefit plans, which may include its respective directors, officers and employees, might be required to pay as a result of a breach of fiduciary duty.

Item 7. Exemption from Registration Claimed

Not Applicable.

Item 8. Exhibits

<u>Exhibit Number</u>	<u>Exhibit</u>
2.1	Agreement and Plan of Merger, dated May 31, 2016, by and between Ashland Global Holdings Inc., Ashland Inc. and Ashland Merger Sub Corp. (incorporated by reference to Exhibit 2.1 to the Predecessor Registrant's Current Report on Form 8-K filed on May 31, 2016 (SEC File No. 001-32532)).
3.1	Amended and Restated Articles of Incorporation of Ashland Global Holdings Inc. (filed as Exhibit 3.1 to the Successor Registrant's Form 8-K filed on September 20, 2016 (SEC File No. 001-32532), and incorporated by reference herein).
3.2	Amended and Restated By-laws of Ashland Global Holdings Inc. (filed as Exhibit 3.2 to the Successor Registrant's Form 8-K filed on September 20, 2016 (SEC File No. 001-32532), and incorporated by reference herein).

- 4.1 Amendment to 2011 Ashland Inc. Incentive Plan (as assumed by Ashland Global Holdings Inc.).
 - 4.2 Amended and Restated 2011 Ashland Inc. Incentive Plan (as assumed by Ashland Global Holdings Inc.).
 - 5.1 Opinion and consent of Cravath, Swaine & Moore LLP.
 - 10.1 Assumption Agreement dated September 20, 2016 by and between Ashland Global Holdings Inc. and Ashland Inc.
 - 23.1 Consent of Ernst & Young LLP.
 - 23.2 Consent of PricewaterhouseCoopers LLP.
 - 23.3 Consent of Hamilton, Rabinovitz & Associates, Inc.
 - 23.4 Consent of Cravath, Swaine & Moore LLP is contained in Exhibit 5.1.
 - 24.1 Power of Attorney.
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Item 9. Undertakings

A. The Successor Registrant hereby undertakes: (1) to file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement: (i) to include any prospectus required by Section 10(a)(3) of the Securities Act, (ii) to reflect in the prospectus any facts or events arising after the effective date of this registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in this registration statement; notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offered range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement, and (iii) to include any material information with respect to the plan of distribution not previously disclosed in this registration statement or any material change to such information in this registration statement; *provided, however*, that clauses (1)(i) and (1)(ii) shall not apply if the information required to be included in a post-effective amendment by those clauses is contained in periodic reports filed with or furnished to the Commission by the Successor Registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference into this registration statement; (2) that, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof; and (3) to remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the plan.

B. The Successor Registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the Successor Registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act that is incorporated by reference in this registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

C. Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the Successor Registrant pursuant to the indemnification provisions summarized in Item 6 above, or otherwise, the Successor Registrant has been advised that, in the opinion of the Commission, such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Successor Registrant of expenses incurred or paid by a director, officer or controlling person of the Successor Registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Successor Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

SIGNATURES

The Successor Registrant has duly caused this Post-Effective Amendment No. 1 to Registration Statement No. 333-186408 to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Covington, Commonwealth of Kentucky, on September 20, 2016.

ASHLAND GLOBAL HOLDINGS INC.

By: /s/ Peter J. Ganz

Peter J. Ganz

Senior Vice President, General Counsel and Secretary

Pursuant to the requirements of the Securities Act of 1933, this Post-Effective Amendment No. 1 has been signed by the following persons on behalf of the registrant and in the capacities and on the dates indicated:

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>*</u> William A. Wulfsohn	Chairman of the Board, Chief Executive Officer and Director (Principal Executive Officer)	September 20, 2016
<u>*</u> J. Kevin Willis	Senior Vice President and Chief Financial Officer (Principal Financial Officer)	September 20, 2016
<u>*</u> J. William Heitman	Vice President and Controller (Principal Accounting Officer)	September 20, 2016
<u>*</u> Brendan M. Cummins	Director	September 20, 2016
<u>*</u> William G. Dempsey	Director	September 20, 2016
<u>*</u> Stephen F. Kirk	Director	September 20, 2016
<u>*</u> Vada O. Manager	Director	September 20, 2016
<u>*</u> Barry W. Perry	Director	September 20, 2016
<u>*</u> Mark C. Rohr	Director	September 20, 2016
<u>*</u> George A. Schaefer, Jr.	Director	September 20, 2016

*

_____ Director September 20, 2016

Janice J. Teal

*

_____ Director September 20, 2016

Michael J. Ward

* The undersigned, by signing his name hereto, executes this Post-Effective Amendment No. 1 pursuant to a power of attorney executed by the above-named persons and filed with the Securities and Exchange Commission as an Exhibit to this Post-Effective Amendment No. 1.

*By: /s/ Peter J. Ganz
Peter J. Ganz
Attorney-in-Fact
September 20, 2016

EXHIBIT INDEX

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*23.3	Consent of Hamilton, Rabinovitz & Associates, Inc.
*23.4	Consent of Cravath, Swaine & Moore LLP is contained in Exhibit 5.1.
*24.1	Power of Attorney.

* Filed Herewith.

AMENDMENT TO 2011 ASHLAND INC. INCENTIVE PLAN

The 2011 Ashland Inc. Incentive Plan (the "Plan") is hereby amended, effective as of November 14, 2012 and subject to the approval by the shareholders of the Company, as follows:

1. Section 3(A) of the Plan is hereby amended by (i) deleting the number "2,000,000" and replacing it with the number "4,000,000" and (ii) deleting the second sentence thereof.
2. Section 3 of the Plan is hereby amended by adding the following new Section (C) at the end thereof:

“(C) Effective with respect to any Awards granted on or after the Company’s 2013 Annual Meeting of Shareholders, any shares of Common Stock underlying Restricted Stock Awards, Restricted Stock Unit Awards, Merit Awards, Incentive Awards, Performance Unit Awards and Dividend Equivalents (collectively, “Full-Value Awards”) that are issued or delivered under the Plan shall reduce the shares available under Section 3(A) hereof by 2.2 shares for every one share of Common Stock issued or delivered in connection with such Full-Value Award, and any shares covered by an Award, other than a Full-Value Award, shall reduce the shares of Common Stock available under the Plan by one share for every one share of Common Stock issued or delivered under such Award. Any shares of Common Stock that again become available for issuance or delivery pursuant to Section 3(B) of the Plan shall be credited toward the Plan limit as set forth in Section 3(A) hereof in the same manner such shares were originally deducted from the aggregate Plan limit pursuant to this Section 3(C).”
3. Section 6(C)(2) of the Plan is hereby amended by adding the following sentence to the end thereof:

“Notwithstanding anything contained in this Section 6(C)(2) to the contrary, cash dividends or other distributions with respect to Restricted Stock Awards that vest based on the achievement of Performance Goals shall be accumulated until such Award is earned, and the cash dividends or other distributions shall not be paid if the Performance Goals are not satisfied.”
4. Section 16(M) of the Plan is hereby amended by adding the following sentence to the end thereof:

“Notwithstanding anything contained in this Plan to the contrary, dividend equivalents with respect to Restricted Stock Unit Awards, Incentive Awards, Performance Unit Awards and Merit Awards that vest based on the achievement of Performance Goals shall be accumulated until such Award is earned, and the dividend equivalents shall not be paid if the Performance Goals are not satisfied.”
5. Section 17 of the Plan is hereby amended by adding the following sentence to the end thereof:

“No Award may be granted under the Plan after November 14, 2022, or such earlier date as the Board shall determine. The Plan will remain in effect with respect to outstanding Awards until no Awards remain outstanding.”
6. Except as explicitly set forth herein, the Plan will remain in full force and effect.

ASHLAND INC.

By: /S/ SUSAN B. ESLER
Susan B. Esler
Chief Human Resources and
Communications Officer

**AMENDED AND RESTATED
2011 ASHLAND INC. INCENTIVE PLAN**

The 2011 Ashland Inc. Incentive Plan was approved by the Board of Directors on November 18, 2010, and the shareholders on January 27, 2011. The Amendment to the 2011 Ashland Inc. Incentive Plan, which increased the aggregate number of shares of common stock authorized for issuance under the Plan by 2 million shares and made certain other amendments included therein, was approved by the Board of Directors on November 15, 2012 and by the shareholders on January 31, 2013.

SECTION 1. PURPOSE

The purpose of the 2011 Ashland Inc. Incentive Plan is to promote the interests of Ashland Inc. and its shareholders by providing incentives to its directors, officers and employees. Accordingly, the Company may grant to selected officers and employees Option Awards, Stock Appreciation Rights Awards, Restricted Stock Awards, Restricted Stock Unit Awards, Incentive Awards, Performance Unit Awards and Merit Awards in an effort to attract and retain in its employ qualified individuals and to provide such individuals with incentives to continue service with the Company, devote their best efforts to the Company and improve the Company's economic performance, thus enhancing the value of the Company for the benefit of shareholders. This Plan also provides an incentive for qualified persons, who are not officers or employees of the Company, to serve on the Board of Directors of the Company and to continue to work for the best interests of the Company by rewarding such persons with Restricted Stock Awards, Restricted Stock Unit Awards, Option Awards or Stock Appreciation Rights Awards.

SECTION 2. DEFINITIONS

"Agreement" shall mean either: (i) an agreement, either in written or electronic format, entered into by the Company and a Recipient setting forth the terms and provisions applicable to an Award granted under the Plan; or (ii) a statement, either in written or electronic format, issued by the Company to a Recipient describing the terms and provisions of such Award, which need not be signed by the Recipient.

"Award" shall mean an Option Award, a Stock Appreciation Right Award, a Restricted Stock Award, a Restricted Stock Unit Award, an Incentive Award, a Performance Unit Award or a Merit Award, in each case granted under this Plan.

"Beneficial Ownership" and "Beneficially Owned" shall have the meaning set forth in Rule 13d-3 promulgated under the Exchange Act.

"Beneficiary" shall mean the Person or Persons designated by a Recipient or if no designation has been made, the Person or Persons entitled by will or the laws of descent and distribution to receive the benefits specified under this Plan in the event of a Recipient's death.

"Board" shall mean the Board of Directors of the Company or its designee.

"Change in Control" shall be deemed to have occurred if (i) there shall be consummated (A) any consolidation or merger of the Company (a "Business Combination"), other than a consolidation or merger of the Company into or with a direct or indirect wholly-owned subsidiary, in which the shareholders of the Company own, directly or indirectly, less than 50% of the then outstanding shares of common stock of the Business Combination that are entitled to vote generally for the election of directors of the Business Combination or pursuant to which shares of the Company's Common Stock would be converted into cash, securities or other property, other than a merger of the Company in which the holders of the Company's

Common Stock immediately prior to the merger have substantially the same proportionate ownership of common stock of the surviving corporation immediately after the merger, or (B) any sale, lease, exchange or transfer (in one transaction or a series of related transactions) of all or substantially all the assets of the Company, provided, however, that no sale, lease, exchange or other transfer of all or substantially all the assets of the Company shall be deemed to occur unless assets constituting 80% of the total assets of the Company are transferred pursuant to such sale, lease, exchange or other transfer, or (ii) the shareholders of the Company shall approve any plan or proposal for the liquidation or dissolution of the Company, or (iii) any Person shall become the Beneficial Owner of securities of the Company representing 20% or more of the combined voting power of the Company's then outstanding securities ordinarily (and apart from rights accruing in special circumstances) having the right to vote in the election of directors, as a result of a tender or exchange offer, open market purchases, privately-negotiated purchases or otherwise, without the approval of the Board or (iv) at any time during a period of two (2) consecutive years, individuals who at the beginning of such period constituted the Board shall cease for any reason to constitute at least a majority thereof, unless the election or the nomination for election by the Company's shareholders of each new director during such two-year period was approved by a vote of at least two-thirds of the directors then still in office who were directors at the beginning of such two-year period. Notwithstanding the foregoing, a "Change in Control" shall not be deemed to have occurred by virtue of the consummation of any transaction or series of integrated transactions immediately following which the record holders of the Common Stock of the Company immediately prior to such transaction or series of transactions continue to have substantially the same proportionate ownership in an entity which owns all or substantially all of the assets of the Company immediately following such transaction or series of transactions.

"Code" shall mean the Internal Revenue Code of 1986, as amended from time to time.

"Committees" shall refer to the P&C Committee as it relates to Awards to Participants and to the G&N Committee as it relates to Awards to Outside Directors.

"Common Stock" shall mean the Common Stock of the Company (\$.01 par value), subject to adjustment pursuant to Section 14 hereof.

"Company" shall mean Ashland Inc. or any successor thereto.

"Disability" shall mean, (i) in the case of a Participant, when he or she becomes unable to perform the functions required by his or her regular job due to physical or mental illness and, in connection with the grant of an Incentive Stock Option, he or she falls within the meaning of that term as provided in Section 22(e)(3) of the Code; and (ii) in the case of an Outside Director, when he or she is unable to attend to his or her duties and responsibilities as a member of the Board because of incapacity due to physical or mental illness.

"Dividend Equivalents" means the equivalent value (in cash, shares of Common Stock, shares of Restricted Stock or RSUs) of dividends that would otherwise be paid on the shares subject to an Award but that have not been issued or delivered, as described in Section 16(M).

"Employee" shall mean a regular, full-time or part-time employee of the Company or any of its Subsidiaries, provided, however, that for purposes of determining whether any individual may be a Participant for purposes of any grant of ISOs, the term "Employee" shall have the meaning given to such term in Section 3401(c) of the Code.

"Exercise Price" shall mean, with respect to each share of Common Stock subject to an Option or Stock Appreciation Right, the price fixed by the Committees at which such share may be purchased from the Company pursuant to the exercise of such Option or Stock Appreciation Right.

“Exchange Act” shall mean the Securities Exchange Act of 1934, as amended.

“Fair Market Value” shall mean (i) as of any date, the closing sale price per share of Common Stock as reported on the Composite Tape of the New York Stock Exchange, or if there are no sales on such day, on the next preceding trading day during which a sale occurred; (ii) with respect to an exercise of a Stock Appreciation Right, the sale price per share of Common Stock as reported on the Composite Tape of the New York Stock Exchange at the time of such exercise, and (iii) in the absence of such markets for the shares of Common Stock, the Fair Market Value shall be determined by the Committees in good faith (which determination shall, to the extent applicable, be made in a manner that complies with Section 409A of the Code), and such determination shall be conclusive and binding for all purposes.

“G&N Committee” shall mean the Governance and Nominating Committee of the Board, as from time to time constituted, or any successor committee of the Board with similar functions, or its designee.

“Incentive Award” shall mean an Award made pursuant to Section 7 hereof, the payment of which is contingent upon the achievement of the Performance Goals for the particular Performance Period.

“Incentive Stock Option” or “ISO” shall mean an Option that is intended by the Committees to meet the requirements of Section 422 of the Code or any successor provision.

“ISO Award” shall mean an Award of an Incentive Stock Option pursuant to Section 10 hereof.

“Merit Award” shall mean an Award of Common Stock issued pursuant to Section 9 hereof.

“Non-Employee Director” shall mean a non-employee director within the meaning of applicable regulatory requirements, including those promulgated under Section 16 of the Exchange Act.

“Nonqualified Stock Option” or “NQSO” shall mean an Option granted pursuant to this Plan which does not qualify as an Incentive Stock Option.

“NQSO Award” shall mean an Award of a Non-Qualified Stock Option pursuant to Section 10 hereof.

“Option” shall mean the right to purchase Common Stock at a price to be specified and upon terms to be designated by the Committees or otherwise determined pursuant to this Plan. The Committees shall designate an Option as a Nonqualified Stock Option or an Incentive Stock Option.

“Option Award” shall mean an Award of an Option pursuant to Section 10 hereof.

“Outside Director” shall mean a director of the Company, who is not also an Employee, who is selected by the G&N Committee to receive an Award under this Plan.

“P&C Committee” shall mean the Personnel and Compensation Committee of the Board, as from time to time constituted, or any successor committee of the Board with similar functions, which shall consist of three or more members, each of whom shall be a Non-Employee Director and an outside director as defined in the regulations issued under Section 162(m) of the Code, or its designee.

“Participant” shall mean an Employee who is selected by the P&C Committee to receive an Award under this Plan.

“Performance Goals” shall mean performance goals as may be established in writing by the P&C Committee. Such goals may be absolute in their terms or measured against or in relation to other companies comparably or otherwise situated. Such performance goals may be particular to a Participant or the Subsidiary, division or other unit in which the Participant works and/or may be based on the performance of the Company generally. The Performance Goals applicable to any Award that is intended to qualify for the performance-based exception from the tax deductibility limitations of Section 162(m) of the Code shall be based on one or more of the following criteria: earnings, stock price, return on equity, return on investment, total return to shareholders, economic profit, debt rating, operating income, cash flows, cost targets, return on assets or margins.

“Performance Period” shall mean the period designated by the P&C Committee during which the Performance Goals shall be measured.

“Performance Unit Award” shall mean an Award made pursuant to Section 8 hereof, the payment of which is contingent upon the achievement of the Performance Goals for the particular Performance Period.

“Person” shall have the meaning given in Section 3(a)(9) of the Exchange Act, as modified and used in Sections 13(d) and 14(d) thereof, except that such term shall not include (a) the Company, (b) a trustee or other fiduciary holding securities under an employee benefit plan of the Company, or (c) an underwriter temporarily holding securities pursuant to an offering on behalf of the Company.

“Personal Representative” shall mean the Person or Persons who, upon the Disability or incompetence of a Recipient, shall have acquired on behalf of the Recipient by legal proceeding or otherwise the right to receive the benefits specified in this Plan.

“Plan” shall mean this 2011 Ashland Inc. Incentive Plan, as amended.

“Recipient” shall mean a Participant or an Outside Director, as appropriate.

“Restricted Period” shall mean the period during which Restricted Stock or Restricted Stock Units are subject to a substantial risk of forfeiture (based on the passage of time, the achievement of Performance Goals, or upon the occurrence of other events as determined by the Committees, in their discretion).

“Restricted Stock” shall mean those shares of Common Stock issued pursuant to a Restricted Stock Award which are subject to the restrictions, terms, and conditions set forth in the related Agreement or designated by the Committees in accordance with the Plan.

“Restricted Stock Award” shall mean an Award of Restricted Stock pursuant to Section 6 hereof.

“Restricted Stock Unit(s)” or “RSUs” shall mean units issued pursuant to a Restricted Stock Unit Award which are valued in terms of shares of Common Stock equivalents and are subject to the restrictions, terms, and conditions set forth in the related Agreement or designated by the Committees in accordance with the Plan.

“Restricted Stock Unit Award” or “RSU Award” shall mean an Award of Restricted Stock Units pursuant to Section 6 hereof.

“Retirement” shall mean, (i) in the case of a Participant, retirement from the employ of the Company or any of its Subsidiaries at any time as described in the Ashland Hercules Pension Plan or in any successor pension plan, as from time to time in effect, and (ii) in the case of an Outside Director, retirement from the Board after the date established by the G&N Committee as the date for mandatory retirement, as from time to time in effect.

“Stock Appreciation Right” or “SAR” shall mean a right pursuant to a Stock Appreciation Right Award to be paid an amount measured by the appreciation in the Fair Market Value of shares of Common Stock from the date of grant to the time of exercise of the SAR, with payment to be made wholly in cash, wholly in shares of Common Stock or a combination thereof as specified in the Agreement or determined by the Committees. A SAR may be granted only singly and may not be granted in tandem with an Option.

“Stock Appreciation Right Award” or “SAR Award” shall mean an Award of a Stock Appreciation Right pursuant to Section 10 hereof.

“Subsidiary” shall mean a corporation, company or other entity (i) more than fifty percent (50%) of whose outstanding shares or securities (representing the right to vote for the election of directors or other managing authority) are now or hereafter, owned or controlled, directly or indirectly, by the Company, or (ii) which does not have outstanding shares or securities (as may be the case in a partnership, limited liability company, joint venture or unincorporated association), but more than fifty percent (50%) of whose ownership interests representing the right generally to make decisions for such other entity is now or hereafter, owned or controlled, directly or indirectly, by the Company; provided, however, that for purposes of determining whether any person may be a Participant for purposes of any grant of Incentive Stock Options, the term “Subsidiary” shall have the meaning given to such term in Section 424(f) of the Code, as interpreted by the regulations thereunder and applicable law.

“Tax Date” shall mean the date the withholding tax obligation arises with respect to an Award.

SECTION 3. STOCK SUBJECT TO THIS PLAN

(A) Subject to adjustment as provided under Section 14 hereof, there will be reserved for issuance under this Plan an aggregate of 4,000,000 shares of Common Stock, any or all of which may be delivered with respect to Stock Appreciation Rights Awards, ISO Awards or NQSO Awards. Subject to adjustment as provided under Section 14 hereof, the following limits shall apply with respect to Awards that are intended to qualify for the performance-based exception from the tax deductibility limitations of Section 162(m) of the Code: (i) the maximum aggregate number of shares of Common Stock that may be subject to Options or SARs granted in any calendar year to any one Participant shall be 250,000 shares; and (ii) the maximum aggregate number of Restricted Stock Awards and shares of Common Stock issuable or deliverable under Restricted Stock Unit Awards granted in any calendar year to any one Participant shall be 50,000 shares.

(B) In the event that any Award is paid solely in cash, no shares shall be deducted from the number of shares available for issuance by reason of such Award. Shares of Common Stock subject to Awards that are forfeited, terminated, canceled or settled without the delivery of Common Stock under the Plan will again be available for Awards under the Plan and credited toward the Plan limit as set forth in Section 3(A) hereof. Notwithstanding any other provision herein, the aggregate number of shares of Common Stock that may be issued under the Plan shall not be increased by: (i) shares of Common Stock tendered in full or partial payment of the Exercise Price of an Option, (ii) shares of Common Stock withheld by the Company or any Subsidiary to satisfy a tax withholding obligation, and (iii) shares of Common Stock that are repurchased by the Company with Option proceeds. Moreover, all shares of Common Stock covered by a SAR, to the extent that it is exercised and settled in shares, and whether or not shares are actually issued or delivered to the Recipient upon exercise of the right, shall be considered issued or delivered pursuant to the Plan for purposes of Section 3(A) hereof.

(C) Effective with respect to any Awards granted on or after the Company’s 2013 Annual Meeting of Shareholders, any shares of Common Stock underlying Restricted Stock Awards, Restricted Stock Unit

Awards, Merit Awards, Incentive Awards, Performance Unit Awards and Dividend Equivalents (collectively, “Full-Value Awards”) that are issued or delivered under the Plan shall reduce the shares available under Section 3(A) hereof by 2.2 shares for every one share of Common Stock issued or delivered in connection with such Full-Value Award, and any shares covered by an Award, other than a Full-Value Award, shall reduce the shares of Common Stock available under the Plan by one share for every one share of Common Stock issued or delivered under such Award. Any shares of Common Stock that again become available for issuance or delivery pursuant to Section 3(B) of the Plan shall be credited toward the Plan limit as set forth in Section 3(A) hereof in the same manner such shares were originally deducted from the aggregate Plan limit pursuant to this Section 3(C).

SECTION 4. ADMINISTRATION

The P&C Committee shall have the exclusive authority to administer this Plan for Participants. The G&N Committee shall have the exclusive authority to administer this Plan for Outside Directors.

In addition to any implied powers and duties that may be needed to carry out the provisions hereof, the Committees, acting individually, shall have all the powers vested in them by the terms hereof, including exclusive authority to select the Recipients, to determine the type, size and terms of the Awards to be made to each Recipient, to determine the time when Awards will be granted, and to prescribe the form of the Agreement embodying Awards made under this Plan. The Committees shall be authorized to interpret this Plan and the Awards granted under this Plan, to establish, amend and rescind any rules and regulations relating to this Plan, to make any other determinations which they believe necessary or advisable for the administration hereof, and to correct any defect or supply any omission or reconcile any inconsistency in this Plan or in any Award in the manner and to the extent the Committees deem desirable to carry it into effect. Any decision of the Committees in the administration of this Plan, as described herein, shall be final and conclusive.

SECTION 5. ELIGIBILITY

Awards may only be granted to Participants and Outside Directors, provided that Outside Directors may not be granted ISOs, Incentive Awards, Performance Awards or Merit Awards.

SECTION 6. RESTRICTED STOCK AND RESTRICTED STOCK UNIT (RSU) AWARDS

(A) *Grant.* Any Recipient may receive one or more Restricted Stock Awards or RSU Awards, as the Committees shall from time to time determine.

(B) *Restricted Periods.*

(1) Participants. The Restricted Period for each Restricted Stock Award or RSU Award to a Participant shall be set forth in the applicable Agreement. Except as otherwise provided in an Agreement upon a termination of employment or pursuant to Section 12 in the event of a Change in Control, a Restricted Stock Award or RSU Award granted to a Participant shall have a minimum Restricted Period of (i) one year in the case of restrictions that lapse based on the achievement of Performance Goals; and (ii) three years in the case of restrictions that lapse based solely on the passage of time, which period may, at the discretion of the P&C Committee, lapse on a pro-rated, graded, or cliff basis (as specified in the Agreement); provided that in the Committees’ sole discretion, no more than five percent (5%) of the shares of Common Stock available for issuance as Restricted Stock Awards or pursuant to RSU Awards under the Plan may have a Restricted Period of less than one (1) year.

(2) Outside Directors. The Restricted Period for each Restricted Stock Award or RSU Award to

an Outside Director shall be set forth in the applicable Agreement; provided that in the Committees' sole discretion, no more than five percent (5%) of the shares of Common Stock available for issuance as Restricted Stock Awards or pursuant to RSU Awards under the Plan may have a Restricted Period of less than one (1) year.

(3) Termination of Employment or Service. Except as otherwise provided in the Agreement or as determined by the Committees, in the event that a Restricted Stock Award or RSU Award has been made to a Recipient whose employment or service as a director is subsequently terminated for any reason prior to the lapse of all restrictions thereon, such Restricted Stock or RSU shall be forfeited in its entirety by such Recipient.

(C) Certain Restricted Stock Award Provisions.

(1) Shareholder Rights; Restrictions on Transferability. Upon the granting of a Restricted Stock Award, a Recipient shall be entitled to all rights incident to ownership of Common Stock of the Company with respect to his or her Restricted Stock, including, but not limited to, the right to vote such shares of Restricted Stock and to receive dividends thereon when, as and if paid in cash, shares of Restricted Stock or Dividend Equivalents, as set forth in the applicable Agreement or as determined by the Committees, in their discretion. Each such grant of Restricted Stock may be made without additional consideration or in consideration of a payment by such Recipient that is less than the Fair Market Value per share of Common Stock at the date of grant. Subject to Section 16(B) hereof, Restricted Stock may not be sold, assigned, transferred, pledged, or otherwise encumbered during a Restricted Period.

(2) Certificates; Dividends on Restricted Stock. During the Restricted Period, certificates representing the Restricted Stock shall be registered in the Recipient's name and bear a restrictive legend to the effect that ownership of such Restricted Stock, and the enjoyment of all rights appurtenant thereto are subject to the restrictions, terms, and conditions provided in this Plan and the applicable Agreement. Such certificates shall be deposited by the Recipient with the Company, together with stock powers or other instruments of assignment, each endorsed in blank, which will permit transfer to the Company of all or any portion of the Restricted Stock which shall be forfeited in accordance with this Plan and the applicable Agreement. Restricted Stock shall constitute issued and outstanding shares of Common Stock for all corporate purposes, with the exception that: (i) the Recipient will not be entitled to delivery of the stock certificates representing such Restricted Stock until the restrictions applicable thereto shall have expired; (ii) the Company will retain custody of all shares of Restricted Stock issued as a dividend or otherwise with respect to an Award of Restricted Stock (and such issued shares of Restricted Stock shall be subject to the same restrictions, terms and conditions as are applicable to the awarded Restricted Stock) until such time, if ever, as such shares of Restricted Stock shall have become vested, and Restricted Stock shall not bear interest or be segregated in separate accounts; (iii) subject to Section 16(B) hereof, the Recipient may not sell, assign, transfer, pledge, exchange, encumber, or dispose of any Restricted Stock during the Restricted Period; and (iv) unless otherwise determined and directed by the Committees, a breach of any restrictions, terms, or conditions provided in this Plan, the applicable Agreement or established by the Committees with respect to any Restricted Stock will cause a forfeiture of such awarded Restricted Stock (including any Restricted Stock issued as a dividend or otherwise) with respect thereto. Notwithstanding anything contained in this Section 6(C)(2) to the contrary, cash dividends or other distributions with respect to Restricted Stock Awards that vest based on the achievement of Performance Goals shall be accumulated until such Award is earned, and the cash dividends or other distributions shall not be paid if the Performance Goals are not satisfied.

(D) Certain Restricted Stock Unit (RSU) Award Provisions.

(1) General. Each grant of Restricted Stock Units shall constitute an agreement by the

Company to issue or deliver shares of Common Stock or cash to the Recipient following the end of the applicable Restricted Period in consideration of the performance of services. Each such grant of Restricted Stock Units may be made without additional consideration or in consideration of a payment by such Recipient that is less than the Fair Market Value per share of Common Stock at the date of grant.

(2) No Shareholder Rights; Dividend Equivalents. A Recipient who receives an RSU Award shall not have any rights as a shareholder with respect to the shares of Common Stock subject to such RSUs until such time, if any, that shares of Common Stock are delivered to a Recipient pursuant to the terms of the applicable Agreement. A Recipient who receives an RSU Award shall have such rights, if any, to Dividend Equivalents as shall be set forth in the applicable Agreement or as determined by the Committees, in their discretion.

(3) Payment. Unless otherwise determined by the Committees, each Agreement shall set forth the payment date for the RSU Award, which date shall not be earlier than the end of the applicable Restricted Period. Payment of earned Restricted Stock Units (and Dividend Equivalents, if applicable) may be made in one or more installments and may be made wholly in cash, wholly in shares of Common Stock or a combination thereof as determined by the Committees.

SECTION 7. INCENTIVE AWARDS

(A) *Grant*. Any Participant may receive one or more Incentive Awards, as the P&C Committee shall from time to time determine.

(B) *Terms and Conditions*.

(1) Performance Goals. No later than 120 days (90 days for those Participants subject to the limitations of Code Section 162(m)) after the commencement of each Performance Period, the P&C Committee shall establish in writing one or more Performance Goals that must be reached by a Participant in order to receive an Incentive Award for such Performance Period. Except with respect to Participants subject to the limitations of Code Section 162(m), the P&C Committee shall have the discretion to later revise the Performance Goals and the amount to be paid out upon the attainment of such goals for any reason including the reflection of promotions, transfers or other changes in a Participant's employment so long as such changes are consistent with the Performance Goals established for other Participants in the same or similar positions. Performance Goals established for Participants subject to Code Section 162(m) may only be adjusted to reduce or eliminate the amount of compensation otherwise payable upon attainment of the Performance Goals.

(2) Award Limits. The target Incentive Award shall be a fixed percentage of the Participant's base salary paid during the year. The maximum aggregate compensation that can be paid pursuant to an Incentive Award granted in any calendar year to any one Participant shall be three million five hundred thousand dollars (\$3,500,000) or a number of shares of Common Stock having an aggregate Fair Market Value not in excess of such amount.

(C) *Payment*. Payment of Incentive Awards shall be made on a date or dates fixed by the P&C Committee. Payment may be made in one or more installments and may be made wholly in cash, wholly in shares of Common Stock or a combination thereof as determined by the P&C Committee. Payments shall in all events be made no later than the fifteenth day of the third month following the later of (i) the end of the tax year of the Participant in which the Performance Period ends and (ii) the end of the tax year of the Company in which the Performance Period ends.

If payment of an Incentive Award shall be made all or partially in shares of Common Stock, the

number of shares of Common Stock to be delivered to a Participant on any payment date shall be determined by dividing (x) the original dollar amount to be paid on the payment date (or the part thereof determined by the P&C Committee to be delivered in shares of such Incentive Award) by (y) the Fair Market Value on the date the Board approves the P&C Committee's decision to pay an Incentive Award or such other date as the Board shall determine.

(D) *Termination.* Unless otherwise determined and directed by the P&C Committee, an Incentive Award shall terminate if the Participant does not remain continuously employed and in good standing with the Company or any of its Subsidiaries until the date of payment of such Incentive Award. Unless otherwise determined and directed by the P&C Committee, in the event a Participant's employment is terminated because of death, Disability or Retirement, the Participant (or his or her Beneficiaries or estate) shall receive the prorated portion of the payment of an Incentive Award for which the Participant would have otherwise been eligible based upon the portion of the Performance Period during which he or she was so employed so long as the Performance Goals are subsequently achieved.

SECTION 8. PERFORMANCE UNIT AWARDS

(A) *Grant.* Any Participant may receive one or more Performance Unit Awards, as the P&C Committee shall from time to time determine.

(B) *Terms and Conditions.*

(1) Performance Goals. The Performance Goals and Performance Period applicable to a Performance Unit Award shall be set forth in writing by the P&C Committee no later than 120 days (90 days for those Participants subject to the limitations imposed by Section 162(m) of the Code) after the commencement of the Performance Period. Except with respect to Participants subject to the limitations of Section 162(m) of the Code, the P&C Committee shall have the discretion to later revise the Performance Goals and the amount to be paid out upon the attainment of such goals for any reason including the reflection of promotions, transfers or other changes in a Participant's employment so long as such changes are consistent with the Performance Goals established for other Participants in the same or similar positions. Goals established for Participants subject to Section 162(m) of the Code may only be adjusted to reduce or eliminate the amount of compensation otherwise payable upon attainment of the Performance Goals.

(2) Award Limits. Each Performance Unit Award shall be established in dollars or shares of Common Stock, or a combination of both, as determined by the P&C Committee. The maximum aggregate compensation that can be paid pursuant to any Performance Unit Awards granted in any calendar year to any one Participant shall be six million dollars (\$6,000,000) or a number of shares of Common Stock having an aggregate Fair Market Value not in excess of such amount. In determining the amount of any Performance Unit Award made, in whole or in part, in shares of Common Stock, the value thereof shall be based on the Fair Market Value on the first day of the Performance Period or on such other date as the Board shall determine.

(C) *Payment.*

(1) General. Payment with respect to Performance Unit Awards will be made to Participants on a date or dates fixed by the P&C Committee. The amount of such payment shall be determined by the P&C Committee and shall be based on the original amount of such Performance Unit Award (including any Dividend Equivalents with respect thereto) adjusted to reflect the attainment of the Performance Goals during the Performance Period. Payment may be made in one or more installments and may be made wholly in cash, wholly in shares of Common Stock or a combination thereof as determined by the P&C Committee. Except as otherwise provided in the Agreement, payments shall be made no later than the fifteenth day of

the third month following the later of (i) the end of the tax year of the Participant in which the Performance Period ends and (ii) the end of the tax year of the Company in which the Performance Period ends. Any payment may be subject to such restrictions and conditions as the P&C Committee may determine.

(2) Payment in Common Stock. If payment of a Performance Unit Award established in dollars is to be made in shares of Common Stock or partly in such shares, the number of shares of Common Stock to be delivered to a Participant on any payment date shall be determined by dividing (x) the amount payable by (y) the Fair Market Value of the Common Stock on the date the Board approves the P&C Committee's decision to pay the Performance Unit Award or on such other date as the Board shall determine.

(3) Payment in Cash. If payment of a Performance Unit Award established in shares of Common Stock is to be made in cash or partly in cash, the amount of cash to be paid to a Participant on any payment date shall be determined by multiplying (x) the number of shares of Common Stock to be paid in cash on such payment date with respect to such Performance Unit Award, by (y) the Fair Market Value of the Common Stock on the date the Board approves the P&C Committee's decision to pay the Performance Unit Award or on such other date as the Board shall determine.

(D) Termination. Unless otherwise determined and directed by the P&C Committee, a Performance Unit Award (including any Dividend Equivalents with respect thereto) shall terminate for all purposes if the Participant does not remain continuously employed and in good standing with the Company or any of its Subsidiaries until payment of such Performance Unit Award. Unless otherwise determined and directed by the P&C Committee, a Participant (or his or her Beneficiaries or estate) whose employment was terminated because of death, Disability or Retirement will receive a prorated portion of the payment of his or her Performance Unit Award (including any Dividend Equivalents with respect thereto) based upon the portion of the Performance Period during which he or she was so employed so long as the Performance Goals are subsequently achieved.

SECTION 9. MERIT AWARDS

Any Participant may receive a Merit Award under this Plan for such reasons and in such amounts as the P&C Committee may from time to time determine.

SECTION 10. OPTION AND SAR AWARDS

(A) Grant. Any Recipient may receive one or more Option or SAR Awards, as the Committees shall from time to time determine.

(B) Designation and Price.

(1) Any Option granted under this Plan may be granted as an Incentive Stock Option or as a Nonqualified Stock Option as shall be designated by the Committees at the time of the grant of such Option. Only Participants may be granted ISOs. Each Option and SAR shall, at the discretion of the Company and as directed by the Committees, be evidenced by an Agreement, which Agreement shall specify the designation of the Option as an ISO or a NQSO, as the case may be, and shall contain such terms and conditions as the Committees, in their sole discretion, may determine in accordance with this Plan.

(2) Every ISO shall provide for a fixed expiration date of not later than ten years from the date such ISO is granted. Every NQSO and SAR shall provide for a fixed expiration date of not later than ten years and one month from the date such NQSO or SAR is granted.

(3) The Exercise Price of Common Stock issued pursuant to each Option or SAR shall be fixed

by the Committees at the time of the granting of the Option or SAR; provided, however, that such Exercise Price shall in no event ever be less than 100% of the Fair Market Value of the Common Stock on the date such Option or SAR is granted, subject to adjustment as provided in Section 14.

(C) *Exercise.* The Committees may, in their sole discretion, provide for Options or SARs granted under this Plan to be exercisable in whole or in part; provided, however, that no Option or SAR shall be exercisable prior to the first anniversary of the date of its grant, except as provided in Section 12 hereof or as the Committees otherwise determine in accordance with this Plan, and in no case may an Option or SAR be exercised at any time for fewer than 50 shares (or the total remaining shares covered by the Option or SAR if fewer than 50 shares) during the term of the Option or SAR. The specified number of shares of Common Stock will be issued after receipt by the Company of (i) notice from the holder thereof of the exercise of an Option or SAR, and (ii) with respect to Options, payment to the Company (as provided in subsection (D) of this Section) of the Exercise Price for the number of shares with respect to which the Option is exercised. Each such notice and payment shall be delivered or mailed to the Company at such place and in such manner as the Company may designate from time to time.

(D) *Payment.*

(1) Options. Except as otherwise provided in this Section 10, the Exercise Price for the Common Stock issuable pursuant to an Option shall be paid in full when the Option is exercised. Subject to such rules as the Committees may impose, the Exercise Price may be paid in whole or in part: (i) in cash; (ii) by tendering (either by actual delivery or attestation) unencumbered shares of Common Stock previously acquired by the Recipient exercising such Option having an aggregate Fair Market Value at the time of exercise equal to the total Exercise Price; (iii) by a combination of such methods of payment; or (iv) by such other consideration as shall constitute lawful consideration for the issuance of Common Stock and approved by the Committees (including, without limitation, effecting a cashless exercise of the Option with a broker).

(2) Stock Appreciation Rights. A SAR shall entitle the holder thereof, upon exercise, to surrender the SAR and receive in exchange therefore an amount equal to (A) the excess, if any, of (1) the Fair Market Value of a share of Common Stock at the time the SAR is exercised over (2) the Exercise Price specified in such SAR, (B) multiplied by the number of shares of Common Stock covered by such SAR, or portion thereof, which is so surrendered. Such amount shall be paid to the holder in shares of Common Stock the number of which shall be determined by dividing such amount by the Fair Market Value of the Common Stock at the time the holder makes an effective exercise of the right to receive such amount; provided that the exercise of any SAR may be settled wholly in cash or a combination of cash and shares of Common Stock as set forth in the Agreement or as determined by the Committees.

(E) *Expiration or Termination of Awards.*

(1) Participants.

(a) Except as otherwise provided in the Agreement or as determined by the P&C Committee, and subject to the provisions of Section 12(D) hereof, every Option and SAR granted to a Participant shall provide that it may not be exercised in whole or in part for a period of one year after the date of granting such Option or SAR (unless otherwise determined by the P&C Committee) and if the employment of the Participant shall terminate prior to the end of such one year period (or such other period determined by the P&C Committee), the Option or SAR granted to such Participant shall immediately terminate.

(b) Except as otherwise provided in the Agreement or as determined by the P&C

Committee, in the event the Participant dies (i) while employed, (ii) during the periods in which Options or SARs may be exercised by a Participant determined to be Disabled, or (iii) after Retirement, such Option or SAR shall be exercisable, at any time or from time to time, prior to the fixed termination date set forth in the Option or SAR, by the Beneficiaries of the decedent for the number of shares which the Participant could have acquired under the Option or SAR immediately prior to the Participant's death.

(c) Except as otherwise provided in the Agreement or as determined by the P&C Committee, in the event the employment of any Participant shall cease by reason of Disability, as determined by the P&C Committee at any time during the term of the Option or SAR, such Option or SAR shall be exercisable, at any time or from time to time, prior to the fixed termination date set forth in the Option or SAR, by such Participant or his or her Personal Representative for the number of shares which the Participant could have acquired under the Option or SAR immediately prior to the Participant's Disability. The determination by the P&C Committee of any question involving Disability of a Participant shall be conclusive and binding.

(d) Except as otherwise provided in the Agreement or as determined by the P&C Committee, in the event the employment of any Participant shall cease by reason of Retirement, such Option or SAR shall be exercisable, at any time or from time to time, prior to the fixed termination date set forth in the Option or SAR, for the number of shares which the Participant could have acquired under the Option or SAR immediately prior to such Retirement.

(e) Notwithstanding any provision of this Plan to the contrary, any Option or SAR may, in the discretion of the P&C Committee or as provided in the relevant Agreement, become exercisable, at any time or from time to time, prior to the fixed termination date set forth in the Option or SAR, for the full number of awarded shares or any part thereof, less such number as may have been theretofore acquired under the Option or SAR from and after the time the Participant ceases to be an Employee as a result of the sale or other disposition by the Company or any of its Subsidiaries of assets or property (including shares of any Subsidiary) in respect of which such Participant had theretofore been employed or as a result of which such Participant's continued employment is no longer required.

(f) Except as provided in subsections (b), (c), (d) and (e) of this Section 10(E)(1) and Section 12(D) and Section 16(H) hereof, every Option and SAR shall terminate on the earlier to occur of the fixed termination date set forth in the Option or SAR or thirty (30) days after cessation of the Participant's employment for any cause in respect of the number of shares of Common Stock which the Participant could have acquired under the Option or SAR immediately prior to such cessation of employment; provided, however, that no Option or SAR may be exercised after the fixed termination date set forth in the Option or SAR.

(2) Outside Directors.

(a) Except as otherwise provided in the Agreement or as determined by the G&N Committee, and subject to the provisions of Section 12(D) hereof, every Option and SAR granted to an Outside Director shall provide that it may not be exercised in whole or in part for a period of one year after the date of granting such Option or SAR (unless otherwise determined by the G&N Committee) and if the service of the Outside Director shall terminate prior to the end of such one year period (or such other period determined by the G&N Committee), the Option or SAR granted to such Participant shall immediately terminate.

(b) Except as otherwise provided in the Agreement or as determined by the G&N Committee, in the event the service of any Outside Director as a director of the Company ceases by reason of Retirement, death or Disability, then any unexercised Options or SARs granted to such Outside Director

shall be exercisable, at any time or from time to time, prior to the fixed termination date set forth in the Option or SAR, by such Outside Director, his or her Personal Representative or his or her Beneficiaries for the number of shares which the Outside Director could have acquired under the Option or SAR immediately prior to the Outside Director's Retirement, death or Disability, as applicable. The determination by the G&N Committee of any question involving Disability of an Outside Director shall be conclusive and binding.

SECTION 11. CONTINUED EMPLOYMENT

Nothing in this Plan, or in any Award granted pursuant to this Plan, shall confer on any individual any right to continue in the employment of, or service to, the Company or any of its Subsidiaries or interfere in any way with the right of the Company or any of its Subsidiaries to terminate the Participant's employment at any time.

SECTION 12. CHANGE IN CONTROL

(A) *Restricted Stock and RSU Awards.* Upon a Change in Control, there shall be an acceleration of any Restricted Period relating to any Restricted Stock Award or any RSU Award and such Awards shall be free of all other restrictions for the full number of awarded shares or RSUs less such number as may have been theretofore acquired under the Restricted Stock Award or RSU Award.

(B) *Incentive Awards.* Upon a Change in Control, there shall be an acceleration of any Performance Period relating to any Incentive Award, and payment of any Incentive Award shall be made in cash within 30 days after such Change in Control (and in no event later than the fifteenth day of the third month of the last day of the Company's fiscal year in which the Change in Control occurs) based upon achievement of the Performance Goals applicable to such Award up to the date of the Change in Control. Further, the Company's obligation with respect to such Incentive Award shall be assumed, or new obligations substituted therefor, by the acquiring or surviving corporation after such Change in Control. In addition, prior to the date of such Change in Control, the P&C Committee, in its sole judgment, may make adjustments to any Incentive Award as may be appropriate to reflect such Change in Control; provided that, unless otherwise determined by the P&C Committee, any such adjustment that is made with respect to an Incentive Award that is intended to qualify for the performance-based exception from the tax deductibility limitations of Section 162(m) of the Code shall be made at such times and in such manner as will not cause such Incentive Award to fail to qualify under the performance-based exception.

(C) *Performance Unit Awards.* Upon a Change in Control, there shall be an acceleration of any Performance Period relating to any Performance Unit Award, and payment of any Performance Unit Award shall be made in cash within 30 days after such Change in Control (or such other time as required in order to comply with Section 409A of the Code and as set forth in the Agreement) based upon achievement of the Performance Goals applicable to such Performance Unit Award up to the date of the Change in Control. If such Performance Unit Award was established in shares of Common Stock, the amount of cash to be paid to a Participant with respect to the Performance Unit Award shall be determined by multiplying (x) the number of shares of Common Stock relating to such Performance Unit Award, by (y) the Fair Market Value of the Common Stock on the date of the Change in Control. Further, the Company's obligation with respect to such Performance Unit Award shall be assumed, or new obligations substituted therefor, by the acquiring or surviving corporation after such Change in Control. In addition, prior to the date of such Change in Control, the P&C Committee, in its sole judgment, may make adjustments to any Performance Unit Award as may be appropriate to reflect such Change in Control; provided that, unless otherwise determined by the P&C Committee, any such adjustment that is made with respect to a Performance Unit Award that is intended to qualify for the performance-based exception from the tax deductibility limitations of Section 162(m) of the Code shall be made at such times and in such manner as will not cause such Performance Unit Award to fail to qualify under the performance-based exception.

(D) *Option and SAR Awards.* Upon a Change in Control, any Option Award or SAR Award shall become immediately exercisable for the full number of awarded shares or any part thereof, less such numbers as may have been theretofore acquired under the Option Award or SAR Award from and after the date of such Change in Control, unless otherwise provided in the Agreement.

(E) *Cash-out of Awards.* In connection with a Change in Control, the Committees may, in their sole discretion, either by the terms of the Agreement applicable to any Award or by resolution adopted prior to the occurrence of the Change in Control, provide that any outstanding Award (or a portion thereof) shall, upon the occurrence of such Change in Control, be cancelled in exchange for a payment in cash in an amount based on the Fair Market Value of the shares of Common Stock subject to the Award (less any Exercise Price), which amount may be zero (0) if applicable.

SECTION 13. WITHHOLDING TAXES

Federal, state or local law may require the withholding of taxes applicable to gains resulting from the payment or vesting of an Award. Unless otherwise prohibited by the P&C Committee, the Company may permit or require (subject to such conditions or procedures as may be established by the Committees) any such tax withholding obligation of a Participant to be satisfied by any of the following means, or by a combination of such means: (i) a cash payment from Participant; (ii) withholding from the shares of Common Stock otherwise issuable to the Participant pursuant to the vesting or exercise of an Award a number of shares of Common Stock having a Fair Market Value, as of the Tax Date, which will satisfy the minimum amount of the withholding tax obligation; or (iii) having the Participant deliver to the Company a number of shares of Common Stock having a Fair Market Value as of the Tax Date which will satisfy the minimum amount of the withholding tax obligation arising from the vesting or exercise of an Award. If the payment specified in clause (i) or (iii) of the preceding sentence is not paid by a Participant, the P&C Committee may refuse to issue Common Stock under this Plan.

SECTION 14. ADJUSTMENTS UPON CHANGES IN CAPITALIZATION

In the event of any change in the outstanding Common Stock of the Company by reason of any stock split, stock dividend, recapitalization, merger, consolidation, reorganization, combination, or exchange of shares, split-up, split-off, spin-off, liquidation or other similar change in capitalization, or any distribution to common stockholders other than normal cash dividends, the number or kind of shares that may be issued under this Plan pursuant to Section 3 hereof and the number or kind of shares subject to, or the price per share under any outstanding Award shall be automatically adjusted so that the proportionate interest of the Recipient shall be maintained as before the occurrence of such event. Such adjustment shall be conclusive and binding for all purposes hereof. Notwithstanding the foregoing, the Committees shall not make any adjustment pursuant to this Section 14 that would (i) cause any Option intended to qualify as an ISO to fail to so qualify; (ii) cause an Award that is otherwise exempt from Section 409A of the Code to become subject to Section 409A; or (iii) cause an Award that is subject to Section 409A of the Code to fail to satisfy the requirements of Section 409A.

SECTION 15. AMENDMENT AND TERMINATION

The Committees may amend, alter or terminate this Plan at any time without the prior approval of the Board; provided, however, that: (i) the Committees may not, without approval by the Board, materially increase the benefits provided to Recipients under this Plan; (ii) any amendment with respect to Restricted Stock Awards or RSU Awards granted to Outside Directors must be approved by the full Board; and (iii) no alteration or amendment that requires shareholder approval in order for the Plan to continue to comply with

the New York Stock Exchange rules or any rule promulgated by the Securities and Exchange Commission or any other securities exchange on which shares of Common Stock are listed or any other applicable laws shall be effective unless such amendment shall be approved by the requisite vote of shareholders of the Company entitled to vote thereon within the time period required under such applicable listing standard or rule.

Except for adjustments made pursuant to Section 14 hereof, the Board or the Committees will not, without the further approval of the shareholders of the Company, authorize the amendment of any outstanding Option or SAR to reduce the Exercise Price. No Option or SAR will be cancelled and replaced with Awards having a lower Exercise Price or for another Award, or for cash without further approval of the shareholders of the Company, except as provided in Sections 12 or 14 hereof. Furthermore, no Option or SAR will provide for the payment, at the time of exercise, of a cash bonus or grant or sale of another Award without further approval of the shareholders of the Company. This Section 15 is intended to prohibit the repricing of "underwater" Options or SARs without shareholder approval and will not be construed to prohibit the adjustments provided for in Sections 12 or 14 hereof.

Termination of this Plan shall not affect any Awards made hereunder which are outstanding on the date of termination and such Awards shall continue to be subject to the terms of this Plan notwithstanding its termination.

SECTION 16. MISCELLANEOUS PROVISIONS

(A) *Rights to Awards.* No Recipient or other Person shall have any claim or right to be granted an Award under this Plan.

(B) *Assignment and Transfer.* A Recipient's rights and interests under this Plan (including any Awards granted hereunder) may not be assigned or transferred in whole or in part, either directly or by operation of law or otherwise (except in the event of a Recipient's death, by will or the laws of descent and distribution), including, but not by way of limitation, execution, levy, garnishment, attachment, pledge, bankruptcy or in any other manner, and no such rights or interests of any Recipient in this Plan shall be subject to any obligation or liability of such individual; provided, however, that a Recipient's rights and interests under this Plan (including any Awards granted hereunder) may, subject to the discretion and direction of the Committees, be made transferable by such Recipient during his or her lifetime. Except as specified in Section 6 hereof, the holder of an Award shall have none of the rights of a shareholder until the shares subject thereto shall have been registered in the name of the person receiving or person or persons exercising the Award on the transfer books of the Company.

(C) *Compliance with Legal and Exchange Requirements.* The Plan, the granting and exercising of Awards hereunder, the issuance of Common Stock and other interests hereunder, and the other obligations of the Company under the Plan and any Agreement pursuant to the Plan, shall be subject to all applicable federal and state laws, rules, and regulations, and to such approvals by any regulatory or governmental agency as may be required. The Company or the Committees, in their respective discretion, may postpone the granting and exercising of Awards, the issuance or delivery of Common Stock under any Award or any other action permitted under the Plan to permit the Company, with reasonable diligence, to complete such stock exchange listing or registration or qualification of such Common Stock or other required action under any federal or state law, rule, or regulation and may require any Recipient to make such representations and furnish such information as the Committees may consider appropriate in connection with the issuance or delivery of Common Stock in compliance with applicable laws, rules, and regulations. The Company shall not be obligated by virtue of any provision of the Plan to recognize the exercise of any Award or to otherwise sell or issue Common Stock in violation of any such laws, rules, or regulations; and any postponement of the exercise or settlement of any Award under this provision shall not extend the term of

such Awards, and neither the Company nor any of its Subsidiaries, directors or officers shall have any obligations or liability to any Recipient with respect to any Award (or Common Stock issuable thereunder) that shall lapse because of such postponement.

(D) *Ratification and Consent.* By accepting any Award under this Plan, each Recipient and each Personal Representative or Beneficiary claiming under or through him or her shall be conclusively deemed to have indicated his or her acceptance and ratification of, and consent to, any action taken under this Plan by the Company or any of its Subsidiaries, the Board, or the Committees.

(E) *Additional Compensation.* Nothing contained in this Plan shall prevent the Board from adopting other or additional compensation arrangements, subject to shareholder approval if such approval is required.

(F) *Grant Date.* Each Recipient shall be deemed to have been granted any Award on the date the Committees took action to grant such Award under this Plan or such date as the Committees in their sole discretion shall determine at the time such grant is authorized. The grant date shall not be earlier than the date of the resolution and action therein by the Committees.

(G) *Fractional Shares.* No fractional shares shall be issued or delivered pursuant to this Plan or any Award. The Committees shall determine whether cash, other Awards, or other property shall be issued or paid in lieu of fractional shares or whether such fractional shares or any rights thereto shall be forfeited or otherwise eliminated.

(H) *Forfeiture Provision.* Unless the Agreement specifies otherwise, the Committees may, in their discretion, require a Recipient to forfeit all unexercised, unearned, unvested or unpaid Awards if:

(1) the Recipient, without written consent of the Company, engages directly or indirectly in any manner or capacity as principal, agent, partner, officer, director, employee or otherwise in any business or activity competitive with the business conducted by the Company or any of its Subsidiaries, as determined by the Committees;

(2) the Recipient performs any act or engages in any activity that is detrimental to the best interests of the Company or any of its Subsidiaries, as determined by the Committees; or

(3) the Recipient breaches any agreement or covenant with, or obligation or duty to, the Company or any Subsidiary, including without limitation, any non-competition agreement, non-solicitation agreement, confidentiality or non-disclosure agreement, or assignment of inventions or ownership of works agreement, as determined by the Committees.

(I) *Severability.* The validity, legality, or enforceability of the Plan will not be affected even if one or more of the provisions of this Plan shall be held to be invalid, illegal, or unenforceable in any respect.

(J) *Section 409A.* Awards granted under the Plan shall be designed and administered in such a manner that they are either exempt from the application of, or comply with, the requirements of Section 409A of the Code. To the extent that the Committees determine that any award granted under the Plan is subject to Section 409A of the Code, the Agreement shall incorporate the terms and conditions necessary to avoid the imposition of an additional tax under Section 409A of the Code upon a Recipient. Notwithstanding any other provision of the Plan or any Agreement (unless the Agreement provides otherwise with specific reference to this Section): (i) an Award shall not be granted, deferred, accelerated, extended, paid out, settled, substituted or modified under the Plan in a manner that would result in the imposition of an additional tax under Section 409A of the Code upon a Recipient; and (ii) if an Award is subject to

Section 409A of the Code, and if the Recipient holding the Award is a “specified employee” (as defined in Section 409A of the Code, with such classification to be determined in accordance with the methodology established by the Company), no distribution or payment of any amount under the Award shall be made before a date that is six (6) months following the date of such Recipient’s “separation from service” (as defined in Section 409A of the Code) or, if earlier, the date of the Recipient’s death. Although the Company intends to administer the Plan so that Awards will be exempt from, or will comply with, the requirements of Section 409A of the Code, the Company does not warrant that any Award under the Plan will qualify for favorable tax treatment under Section 409A of the Code or any other provision of federal, state, local, or non-United States law. The Company shall not be liable to any Recipient for any tax, interest, or penalties a Recipient might owe as a result of the grant, holding, vesting, exercise, or payment of any Award under the Plan.

(K) *Awards to Participants Outside the United States.* Notwithstanding any provision of this Plan to the contrary, in order to comply with the laws in other countries in which the Company and its Subsidiaries operate or have Employees, the P&C Committee, in its sole discretion, shall have the power and authority to: (i) determine which Subsidiaries shall be covered by this Plan; (ii) determine which Employees outside the United States are eligible to participate in this Plan; (iii) modify the terms and conditions of any Award granted to Employees outside the United States to comply with applicable foreign laws; (iv) modify exercise procedures and other terms and procedures, to the extent such actions may be necessary or advisable; and (v) take any action, before or after an Award is made, that it deems necessary or advisable to obtain approval or comply with any local government regulatory exemptions, approvals or requirements.

Notwithstanding the above, the P&C Committee may not take any actions hereunder, and no Awards shall be granted that would violate any applicable law.

(L) *Headings.* The headings in this Plan are inserted for convenience only and shall not affect the interpretation hereof.

(M) *Dividend Equivalents.* At the discretion of the Committees, Awards granted pursuant to the Plan may provide Recipients with the right to receive Dividend Equivalents, which may be paid currently or credited to an account for the Recipients, and may be settled in cash and/or shares of Common Stock, as determined by the Committees in their sole discretion, subject in each case to such terms and conditions as the Committees shall establish. No Dividend Equivalents shall relate to shares underlying an Option or SAR unless such Dividend Equivalent rights are explicitly set forth as a separate arrangement and do not cause any such Option or SAR to be subject to Section 409A of the Code. Notwithstanding anything contained in this Plan to the contrary, Dividend Equivalents with respect to Restricted Stock Unit Awards, Incentive Awards, Performance Unit Awards and Merit Awards that vest based on the achievement of Performance Goals shall be accumulated until such Award is earned, and the Dividend Equivalents shall not be paid if the Performance Goals are not satisfied.

(N) *Deferrals.* Except with respect to Options and SARs, the Committees may permit Recipients to elect to defer the issuance or delivery of shares of Common Stock or the settlement of Awards in cash under the Plan pursuant to such rules, procedures or programs as it may establish for purposes of the Plan. The Committees also may provide that deferred issuances and settlements include the payment or crediting of Dividend Equivalents or interest on the deferral amounts. All elections and deferrals permitted under this provision shall comply with Section 409A of the Code, including setting forth the time and manner of the election (including a compliant time and form of payment), the date on which the election is irrevocable, and whether the election can be changed until the date it is irrevocable.

(O) *Successors.* All obligations of the Company under the Plan and with respect to Awards shall be binding on any successor to the Company, whether the existence of such successor is the result of a direct or

indirect purchase, merger, consolidation, or other event, or a sale or disposition of all or substantially all of the business and/or assets of the Company and references to the “Company” herein and in any Agreements shall be deemed to refer to such successors.

SECTION 17. EFFECTIVENESS OF THIS PLAN

This Plan shall be submitted to the shareholders of the Company for their approval on January 27, 2011, or such other date fixed for the next meeting of shareholders or any adjournment or postponement thereof. This Plan will be effective as of the date of its approval by the shareholders of the Company. No Award may be granted under the Plan after November 14, 2022, or such earlier date as the Board shall determine. The Plan will remain in effect with respect to outstanding Awards until no Awards remain outstanding.

SECTION 18. GOVERNING LAW

The provisions of this Plan shall be interpreted and construed in accordance with the laws of the Commonwealth of Kentucky.

[Letterhead of]

CRAVATH, SWAINE & MOORE LLP
[New York Office]

September 20, 2016

Ashland Global Holdings Inc.
Amendment No. 1 on Form S-8 to Registration Statement on Form S-8 (Registration No. 333-186408)

Ladies and Gentlemen:

We have acted as counsel for Ashland Global Holdings Inc., a Delaware corporation (the "Company"), in connection with the preparation and filing with the Securities and Exchange Commission (the "Commission") of the Post-Effective Amendment No. 1 to the Registration Statement on Form S-8 (Registration No. 333-186408), as amended (the "Registration Statement"), pursuant to Rule 414 under the Securities Act of 1933, as amended (the "Securities Act"), relating to the registration of the offering by the Company of up to 2,000,000 shares of common stock (the "Shares"), par value \$0.01 per share, issuable pursuant to the Amended and Restated 2011 Ashland Inc. Incentive Plan (the "Plan"), which has been assumed by the Company from Ashland Inc., a Kentucky corporation and the Company's predecessor registrant ("Ashland"), pursuant to an assumption agreement by and among the Company and Ashland, dated September 20, 2016.

In that connection, we have examined originals, or copies certified or otherwise identified to our satisfaction, of such documents, corporate records and other instruments as we have deemed necessary or appropriate for the purposes of this opinion, including: (a) the Amended and Restated Certificate of Incorporation of the Company in effect as of the date hereof; (b) the amended and restated By-laws of the Company in effect as of the date hereof; (c) the Plan; (d) the Registration Statement; and (e) such other documents, corporate records, certificates and other instruments as we have deemed necessary for the expression of the opinions contained herein. We have relied, with respect to certain factual matters, on representations of the Company and documents furnished to us by the Company. We have also assumed the genuineness of all signatures, the legal capacity and competency of all natural persons, the authenticity of all documents submitted to us as originals and the conformity to authentic original documents of all documents submitted to us as copies.

Based on the foregoing and subject to the qualifications set forth herein and subject to compliance with applicable state securities laws, we are of opinion that the Shares, when issued in accordance with the terms and conditions of the Plan, will be validly issued, fully paid and nonassessable.

We are admitted to practice in the State of New York, and we express no opinion as to matters governed by any laws other than the laws of the State of New York, the General Corporation Law of the State of Delaware and the Federal laws of the United States of America. The opinions expressed herein are given as of the date hereof, and we undertake no, and hereby disclaim any, obligation to advise anyone of any change in any matter set forth herein. This opinion is limited to the specific issues addressed herein, and no opinion may be inferred or implied beyond that expressly herein. We hereby consent to the filing of this opinion as Exhibit 5.1 to the Registration Statement. In giving this consent, we do not hereby admit that we are within the category of persons whose consent is required under Section 7 of the Securities Act or the Rules and Regulations of the Commission promulgated thereunder.

Very truly yours,

/s/ Cravath, Swaine & Moore LLP

Ashland Global Holdings Inc.
50 E. RiverCenter Boulevard
P.O. Box 391
Covington, Kentucky 41012

ASSIGNMENT AND ASSUMPTION AGREEMENT

THIS ASSIGNMENT AND ASSUMPTION AGREEMENT (this "Agreement") dated as of September 20, 2016, is entered into by and between Ashland Inc., Kentucky corporation ("Ashland" or the "Assignor"), and Ashland Global Holdings Inc., a Delaware corporation ("Ashland Global" or the "Assignee").

WHEREAS the Board of Directors of Ashland (the "Board") has determined to separate Ashland into two independent, publicly traded companies (the "Separation");

WHEREAS in connection with the Separation, the Board has approved a proposal to reorganize Ashland under a new holding company, Ashland Global, to allow Ashland to reincorporate in the State of Delaware and to facilitate the Separation (the "Reorganization");

WHEREAS in connection with the Reorganization, Ashland and Ashland Global have executed an Agreement and Plan of Merger dated as of May 31, 2016 (the "Merger Agreement"), by and among Ashland, Ashland Global and Ashland Merger Sub Corp. ("Merger Sub"), pursuant to which Merger Sub merges with and into Ashland, with Ashland surviving as a direct, wholly owned subsidiary of Ashland Global (the "Merger");

WHEREAS the Board has submitted the Merger Agreement to the Ashland shareholders for approval and the Ashland shareholders have approved the Merger and the Merger Agreement at a special meeting of Ashland shareholders held on September 7, 2016;

WHEREAS the closing of the Merger will become effective at 8:30 a.m. Eastern Daylight Time on the date hereof (the "Effective Time") upon the filing of the Articles of Merger with the Secretary of State of the State of Kentucky;

WHEREAS as provided in Sections 2.1 and 2.8 of the Merger Agreement, the Assignor has agreed to transfer, convey and assign to the Assignee, and the Assignee has agreed to accept from the Assignor, all of the Assignor's right, title and interest in, to and under each Ashland equity incentive, deferred compensation and other benefit plan and arrangement and the Assignor has agreed to transfer, convey and assign, and the Assignee has agreed to assume, all of the liabilities and obligations of the Assignor under such plans and arrangements, including (i) all unexercised and unexpired options to purchase shares of Ashland common stock and all stock appreciation rights, performance share awards, restricted share awards, restricted stock equivalents, restricted stock units, common stock units, deferred stock units and other incentive awards and deferrals covering shares of Ashland common stock, whether or not vested that are outstanding under each such plan and arrangement as of the Effective Time and (ii) the remaining unallocated reserve of shares of Ashland common stock issuable under each such plan and arrangement; and

WHEREAS Ashland and Ashland Global have executed the Waiver to the Merger Agreement dated as of September 20, 2016 (the “Waiver”), by and between Ashland and Ashland Global, pursuant to which Ashland and Ashland Global have waived the performance of the actions described under Section 2.8 of the Merger Agreement providing for the assumption of Ashland’s other employee benefit plans and arrangements by Ashland Global.

NOW, THEREFORE, the parties agree as follows:

1. Assignment and Assumption. Effective as of the Effective Time and notwithstanding the Waiver, the Assignor hereby transfers, conveys and assigns to the Assignee, and the Assignee hereby accepts from the Assignor, all of the Assignor’s right, title and interest in, to and under the employee benefit plans and arrangements set forth in Schedule 1 attached hereto (the “Ashland Plans”), and the Assignor hereby transfers, conveys and assigns to the Assignee, and the Assignee hereby assumes, all of the Assignor’s liabilities and obligations with respect to the Ashland Plans and any remaining unallocated reserve of shares of Ashland common stock issuable thereunder.

2. Defined Terms. Unless otherwise indicated, capitalized terms used herein without definitions shall have the meanings specified in the Merger Agreement.

3. Merger Agreement. Nothing in this Agreement, express or implied, is intended to or shall be construed to supersede, modify, replace, amend, rescind, waive, expand or limit in any way the rights of the parties under, and the terms of, the Merger Agreement (as modified by the Waiver). To the extent that any provision of this Agreement conflicts or is inconsistent with the terms of the Merger Agreement (as modified by the Waiver), the Merger Agreement (as modified by the Waiver) shall govern, including with respect to the enforcement of the rights and obligations of the parties to this Agreement.

4. Headings. The headings in this Agreement are for reference only and shall not affect the interpretation of this Agreement.

5. Binding Effect. This Agreement shall be binding upon the parties hereto and shall inure to the benefit of and be enforceable by each of them and their respective successors and permitted assigns.

6. Amendments. No provisions of this Agreement shall be deemed waived, amended, supplemented or modified by any party to this Agreement, unless such waiver, amendment, supplement or modification is in writing and signed by the authorized representative of each party.

7. Entire Agreement. This Agreement, together with the Merger Agreement and the Waiver, constitute the sole and entire agreement of the parties to this Agreement with respect to the subject matter contained herein, and supersedes all prior and contemporaneous understandings and agreements, both written and oral, with respect to such subject matter.

8. Further Assurances. Each party shall take such actions and execute such other and further documents as reasonably may be requested from time to time after the Effective Time by any other party to carry out the terms and provisions and intent of this Agreement.

9. Governing Law. This Agreement shall be governed by and construed in accordance with the laws of the State of New York, its rules of conflict of laws notwithstanding.

10. Counterparts. This Assignment may be executed in one or more counterparts, each of which shall be deemed to be an original and all of which shall be deemed to constitute the same agreement. Delivery of an executed counterpart of a signature page of this Agreement by facsimile or other electronic imaging means shall be effective as delivery of a manually executed counterpart of this Agreement.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first written above.

ASSIGNOR

ASHLAND INC.

By /s/ Michael S. Roe

Name: Michael S. Roe

Title: Assistant Secretary

ASSIGNEE

ASHLAND GLOBAL HOLDINGS INC.

By /s/ Michael S. Roe

Name: Michael S. Roe

Title: Assistant Secretary

[Signature Page to the Assignment and Assumption Agreement]

Schedule 1

ASHLAND PLANS

Amended and Restated 2015 Ashland Inc. Incentive Plan

Amended and Restated 2011 Ashland Inc. Incentive Plan

2006 Ashland Inc. Incentive Plan

Ashland Inc. Deferred Compensation Plan for Non-Employee Directors (2005)

Ashland Inc. Deferred Compensation Plan for Employees (2005)

Ashland Inc. Deferred Compensation Plan for Non-Employee Directors

Ashland Inc. Deferred Compensation Plan

Ashland Inc. Leveraged Employee Stock Ownership Plan

Ashland Inc. Employee Savings Plan

International Specialty Products Inc. 401(k) Plan

Ashland Inc. Union Employee Savings Plan (f/k/a Hercules Incorporated Savings and Investment Plan)

Inducement Restricted Stock Award (Wulfsohn)

Inducement Restricted Stock Award (Meixelsperger)

Hercules Incorporated Amended and Restated Long Term Incentive Compensation Plan

Hercules Incorporated Omnibus Equity Compensation Plan for Non-Employee Directors

Hercules Incorporated 1993 Non-Employee Director Stock Accumulation Deferred Compensation Plan

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in Post-Effective Amendment No. 1 to the Registration Statement (Form S-8 No. 333-186408) pertaining to the Amended and Restated 2011 Ashland Inc. Incentive Plan of Ashland Global Holdings Inc. of our reports dated November 20, 2015, with respect to the consolidated financial statements of Ashland Inc. and Consolidated Subsidiaries and the effectiveness of internal control over financial reporting of Ashland Inc. and Consolidated Subsidiaries, included in Ashland Inc.'s Annual Report (Form 10-K) for the year ended September 30, 2015, filed with the Securities and Exchange Commission.

/s/ Ernst & Young LLP

Cincinnati, Ohio
September 20, 2016

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We hereby consent to the incorporation by reference in this Post-Effective Amendment No. 1 to Registration Statement No. 333-186408 on Form S-8 of Ashland Global Holdings Inc. of our report dated November 24, 2014 relating to the consolidated financial statements of Ashland Inc. and its subsidiaries as of September 30, 2014 and for each of the two years in the period ended September 30, 2014, which appears in Ashland Inc.'s Annual Report on Form 10-K for the year ended September 30, 2015.

/s/ PricewaterhouseCoopers LLP
Cincinnati, Ohio
September 20, 2016

CONSENT OF HAMILTON, RABINOVITZ & ASSOCIATES, INC.

We hereby consent to the incorporation by reference in the Post-Effective Amendment No. 1 to Registration Statement No. 333-186408 on Form S-8 pertaining to the Amended and Restated 2011 Ashland Inc. Incentive Plan (the "Amendment") of our being named in the Ashland Inc. Annual Report on Form 10-K for the year ended September 30, 2015, in the form and context in which we are named. We do not authorize or cause the filing of such Amendment and do not make or purport to make any statement other than as reflected in the Amendment.

/s/ Francine F. Rabinovitz

Hamilton, Rabinovitz & Associates, Inc.

By: Francine F. Rabinovitz

POWER -OF -ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that each of the undersigned Directors and Officers of ASHLAND GLOBAL HOLDINGS INC., a Delaware corporation (the "Corporation"), hereby constitutes and appoints WILLIAM A. WULFSOHN, PETER J. GANZ, MICHAEL S. ROE AND JENNIFER I. HENKEL, and each of them, his or her true and lawful attorneys-in-fact and agents, with full power to act without the others, as attorneys-in-fact on behalf of the undersigned and in the undersigned's name, place and stead, as a Director or an Officer of the Corporation: (i) to sign any post-effective amendment (each, a "Post-Effective Amendment") to any existing registration statement of Ashland Inc. under the Securities Act of 1933, as amended, on Form S-8 (each, an "Existing Registration Statement"), any amendments thereto, and all further post-effective amendments and supplements to any such Post-Effective Amendment for the registration of the Corporation's securities, which is necessary, desirable or appropriate to enable the Corporation to adopt any Existing Registration Statement as its own registration statement as contemplated by paragraph (d) of Rule 414 under the Securities Act; and (ii) to file any Post-Effective Amendment and any and all amendments and supplements thereto, with any exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, in each case, in such forms as they or any one of them may approve, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done to the end that such Post-Effective Amendment and related Existing Registration Statement shall comply with the Securities Act of 1933, as amended, and the applicable Rules and Regulations adopted or issued pursuant thereto, as fully and to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, or any of them or their substitute or resubstitute, may lawfully do or cause to be done by virtue hereof. This Power of Attorney may be signed in any number of counterparts, each of which shall constitute an original and all of which, taken together, shall constitute one Power of Attorney.

Dated: September 16, 2016

/s/William A. Wulfsohn

William A. Wulfsohn
Chairman of the Board, Chief Executive Officer and Director
(Principal Executive Officer)

/s/Vada O. Manager

Vada O. Manager
Director

/s/J. Kevin Willis

J. Kevin Willis
Senior Vice President and Chief Financial Officer
(Principal Financial Officer)

/s/Barry W. Perry

Barry W. Perry
Director

/s/J. William Heitman

J. William Heitman
Vice President and Controller
(Principal Accounting Officer)

/s/Mark C. Rohr

Mark C. Rohr
Director

/s/Brendan M. Cummins

Brendan M. Cummins
Director

/s/George A. Schaefer, Jr.

George A. Schaefer, Jr.
Director

/s/William G. Dempsey

William G. Dempsey
Director

/s/Janice J. Teal

Janice J. Teal
Director

/s/Stephen F. Kirk

Stephen F. Kirk
Director

/s/Michael J. Ward

Michael J. Ward
Director