FORM 8-A/A AMENDMENT NO. 2 SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549 FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES PURSUANT TO SECTION 12(B) OR (G) OF THE SECURITIES EXCHANGE ACT OF 1934 ASHLAND INC. (Exact Name of Registrant as Specified in its Charter) KENTUCKY 61-0122250 (State of incorporation or organization) (I.R.S. Employer Identification No.) 50 E. RiverCenter Boulevard 41012-0391 Covington, Kentucky (Address of principal executive offices) (Zip Code) SECURITIES TO BE REGISTERED PURSUANT TO SECTION 12(B) OF THE ACT: NAME OF EACH EXCHANGE ON WHICH TITLE OF EACH CLASS TO BE SO REGISTERED EACH CLASS IS TO BE REGISTERED -----None None If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c), please check the following box. [x] If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d), please check the following box. [] Securities Act registration statement file number to which this form

relates: N/A

SECURITIES TO BE REGISTERED PURSUANT TO SECTION 12(G) OF THE ACT: None (TITLE OF EACH CLASS)

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The undersigned registrant hereby amends its registration statement on Form 8-A filed with the Securities and Exchange Commission on May 16, 1996, as follows:

ITEM 1. DESCRIPTION OF REGISTRANT'S SECURITIES TO BE REGISTERED.

Item 1 of the Registration Statement on Form 8-A filed with the Securities and Exchange Commission on May 16, 1996 by the undersigned registrant is hereby amended by adding to the last paragraph of such Item the following:

On April 27, 2005, Ashland Inc. ("Ashland") executed Amendment No. 2 (the "Rights Agreement Amendment") to the Rights Agreement dated as of May 16, 1996 (as amended by Amendment No. 1 thereto, the "Rights Agreement") between Ashland and National City Bank, as successor to Harris Trust and Savings Bank by appointment, as rights agent (the "Rights Agent"). The Rights Agreement Amendment was entered into to (i) render the Rights (as defined in the Rights Agreement) inapplicable to the transactions (the "Transactions") contemplated by the Master Agreement, dated as of March 18, 2004, as amended as of April 27, 2005, among Ashland, ATB Holdings Inc., a

Delaware corporation and a wholly owned subsidiary of Ashland, EXM LLC, a Kentucky limited liability company and a wholly owned subsidiary of ATB Holdings Inc., New EXM Inc., a Kentucky corporation and a wholly owned subsidiary of ATB Holdings Inc., Marathon Oil Corporation, a Delaware corporation, Marathon Oil Company, an Ohio corporation and a wholly owned subsidiary of Marathon Oil Corporation, Marathon Domestic LLC, a Delaware limited liability company and a wholly owned subsidiary of Marathon Oil Corporation, and Marathon Ashland Petroleum LLC, a Delaware limited liability company (the "Master Agreement") and the other Transaction Agreements (as defined in the Master Agreement) and (ii) ensure that (x) none of ATB Holdings Inc., EXM LLC, New EXM Inc., Marathon Oil Corporation, Marathon Oil Company, Marathon Domestic LLC, Marathon Ashland Petroleum LLC nor any other person is an Acquiring Person (as defined in the Rights Agreement) by reason of the execution and delivery of the Master Agreement or any other Transaction Agreement or the consummation of the Transactions, (y) neither a Distribution Date nor a Business Combination (each as defined in the Rights Agreement) shall occur by reason of the execution and delivery of the Master Agreement or any other Transaction Agreement or the consummation of the Transactions and (z) New EXM Inc. will be substituted for Ashland at the Conversion Merger Effective Time (as defined in the Master Agreement) and the Rights Agreement will continue in effect after such time.

The Rights Agreement Amendment is attached hereto as Exhibit 4.1.1 and is incorporated herein by reference. The foregoing description of the Rights Agreement Amendment does not purport to be complete and is qualified in its entirety by reference to that Exhibit.

ITEM 2. EXHIBITS.

Item 2 of the Form 8-A is hereby amended by adding the following at the end thereof:

4.1.2 Amendment No. 2, dated as of April 27, 2005, to the Rights Agreement, dated as of May 16, 1996, between Ashland Inc., a Kentucky corporation, and National City Bank, a Delaware corporation, as successor to Harris Trust and Savings Bank by appointment, as rights agent.

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## SIGNATURES

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the Registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

## ASHLAND INC.

Dated: April 29, 2005

by: /s/ David L. Hausrath Name: David L. Hausrath Title: Senior Vice President, General Counsel and Secretary

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EXHIBIT INDEX

Exhibit No. Description

4.1.2 Amendment No. 2, dated as of April 27, 2005, to the Rights Agreement, dated as of May 16, 1996, between Ashland Inc., a Kentucky corporation, and National City Bank, a Delaware corporation, as successor to Harris Trust and Savings Bank by appointment, as rights agent.

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EXHIBIT 4.1.2

CONFORMED COPY

## AMENDMENT NO. 2 TO RIGHTS AGREEMENT

THIS AMENDMENT NO. 2 (the "Amendment") dated as of April 27, 2005, to the Rights Agreement, dated as of May 16, 1996 (as amended by Amendment No. 1 dated as of March 18, 2004, the "Rights Agreement"), between Ashland Inc., a Kentucky corporation (the "Company"), and National City Bank, a Delaware corporation, as successor to Harris Trust and Savings Bank by appointment, as Rights Agent (the "Rights Agent"). Terms used herein and not otherwise defined shall have the respective meanings ascribed to such terms in the Rights Agreement.

WHEREAS the Company, ATB Holdings Inc., a Delaware corporation ("HoldCo"), EXM LLC, a Kentucky limited liability company ("New Ashland LLC"), New EXM Inc., a Kentucky corporation ("New Ashland Inc."), Marathon Oil Corporation, a Delaware corporation ("Marathon"), Marathon Oil Company, an Ohio corporation ("Marathon Company"), Marathon Domestic LLC, a Delaware limited liability company ("Merger Sub"), and Marathon Ashland Petroleum LLC, a Delaware limited liability company ("MAP"), entered into a Master Agreement on March 18, 2004 and Amendment No. 1 to this Rights Agreement on March 18, 2004;

WHEREAS the parties to the Master Agreement dated as of March 18, 2004 have proposed to enter into an amendment to that Master Agreement to be dated the date hereof (that Master Agreement, as so amended, being referred to herein as the "Master Agreement");

WHEREAS the Company desires to amend the Rights Agreement to render the Rights inapplicable to the Transactions (as defined in the Master Agreement) contemplated by the Master Agreement and the other Transaction Agreements (as defined in the Master Agreement);

WHEREAS the Company desires that, at the Conversion Merger Effective Time (as defined in the Master Agreement), (A) New Ashland Inc. will succeed to all the rights and obligations of the Company under the Rights Agreement; (B) all references to Common Stock of the Company and Preferred Shares of the Company will be deemed to be references to Common Stock of New Ashland Inc. and Preferred Shares of New Ashland Inc.; and (C) the Rights Agreement will continue in effect;

WHEREAS the Company deems this Amendment to the Rights Agreement to be desirable and in the best interests of the holders of the Rights and has duly approved this Amendment; and

WHEREAS Section 26 of the Rights Agreement permits the Company at any time before the occurrence of a Distribution Date and before any person becomes an Acquiring Person to amend the Rights Agreement in the manner provided herein.

## NOW THEREFORE, the parties hereby agree as follows:

1. Succession and Continuance. Effective at the Conversion Merger Effective Time, New Ashland Inc. will succeed to all the rights and obligations of the Company under the Rights Agreement and the Rights Agreement will continue in effect after the Conversion Merger Effective Time.

2. Substitution of New Ashland Inc. Effective at the Conversion Merger Effective Time, all references to Common Stock of the Company and Preferred Shares of the Company in the Rights Agreement will be deemed to be references to Common Stock of New Ashland Inc. and Preferred Shares of New Ashland Inc.

3. References to Master Agreement. All references in the Rights Agreement to the "Master Agreement" shall be deemed to be references to the Master Agreement dated as of March 18, 2004 among the parties thereto, as amended by Amendment No. 1 thereto dated as of April 27, 2005 among the parties thereto.

4. Effectiveness. This Amendment shall be deemed effective as of the date first written above, as if executed on such date. Except as amended hereby, the Rights Agreement shall remain in full force and effect and shall be otherwise unaffected hereby.

5. Miscellaneous. This Amendment may be executed in one or more

counterparts, all of which shall be considered one and the same agreement and shall become effective immediately upon execution by the Company, whether or not also executed by the Rights Agent. This Amendment shall be deemed to be a contract made under the laws of the Commonwealth of Kentucky and for all purposes shall be governed by and construed in accordance with the laws of such State applicable to contracts to be made and performed entirely within such State. If any term, provision, covenant or restriction of this Amendment is held by a court of competent jurisdiction or other authority to be invalid, void or unenforceable, the remainder of the terms, provisions, covenants and restrictions of this Amendment shall remain in full force and effect and shall in no way be affected, impaired or invalidated. The Rights Agent and the Company hereby waive any notice requirement under the Rights Agreement pertaining to the matters covered by this Amendment.

IN WITNESS WHEREOF, the parties hereto have caused this Amendment to be executed and delivered by their authorized officers as of the date first written above.

ASHLAND INC.,

by /s/ James J. O'Brien Name: James J. O'Brien Title: Chief Executive Officer

National City Bank,

by Name: Title: