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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

**SCHEDULE 14A**  
(Rule 14a-101)

INFORMATION REQUIRED IN PROXY STATEMENT

SCHEDULE 14A INFORMATION

Proxy Statement Pursuant to Section 14(a) of the  
Securities Exchange Act of 1934 (Amendment No. \_\_)

Filed by the Registrant

Filed by a Party other than the Registrant

Check appropriate box:

- Preliminary Proxy Statement
- Confidential, For Use of the Commission Only (as permitted by Rule 14a-6(e)(2))
- Definitive Proxy Statement
- Definitive Additional Materials
- Soliciting Material under Rule 14a-12

**Airgas, Inc.**

(Name of Registrant as Specified in Its Charter)

**Air Products Distribution, Inc.**  
**Air Products and Chemicals, Inc.**

(Name of Persons Filing Proxy Statement, if Other than Registrant)

Payment of filing fee (Check the appropriate box):

- No fee required.
  - Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.
- (1) Title of each class of securities to which transaction applies:
- (2) Aggregate number of securities to which transaction applies:
- (3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (Set forth the amount on which the filing fee is calculated and state how it was determined):
- (4) Proposed maximum aggregate value of transaction:
- (5) Total fee paid:
- Fee paid previously with preliminary materials.
  - Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.
- (1) Amount Previously Paid:
- (2) Form, Schedule or Registration Statement No.:
- (3) Filing Party:
- (4) Date Filed:
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**Air Products and Chemicals, Inc.**  
7201 Hamilton Boulevard  
Allentown, PA 18195-1501

### **Air Products Signs Consent Decree With FTC Staff For Airgas Acquisition**

#### *Extends Tender Offer*

LEHIGH VALLEY, Pa. (August 16, 2010) – Air Products (NYSE: APD) today announced it has reached an agreement with the Staff of the Federal Trade Commission (FTC) on the terms of a Consent Decree in connection with the acquisition of Airgas, Inc. (NYSE: ARG).

The Consent Decree would permit Air Products to acquire Airgas subject to the divestiture of certain assets and would also permit, for a period of time, the closing of the acquisition prior to completion of the divestiture. The assets to be divested relate primarily to Airgas' liquid bulk and on-site supply of atmospheric gases, including production and related assets. Air Products has signed the Consent Decree, which is subject to review and approval by the Commissioners of the FTC.

John E. McGlade, Air Products chairman, president and chief executive officer, said, "Having reached agreement with the FTC on the terms of a Consent Decree, we have now satisfied the principal conditions to completing a transaction with Airgas. There remain no substantive impediments to closing immediately other than the intransigence of the Airgas Board. The next step for Airgas shareholders is to elect our three highly qualified board nominees and approve our other proposals at the 2010 Airgas Annual Meeting scheduled for September 15, 2010."

McGlade continued, "The Airgas Board has refused to discuss our offer and has also failed to promptly put the company up for sale."

Air Products has extended the expiration of its tender offer for all outstanding shares of Airgas for \$63.50 per share in cash. The offer and withdrawal rights are now scheduled to expire at 12:00 midnight New York City time on October 29, 2010, unless further extended. The tender offer was previously scheduled to expire on August 13, 2010. Except for the extension of the tender offer expiration date, all other terms and conditions of the offer remain unchanged.

As of midnight on August 13, 2010, 17,895,787 shares of Airgas common stock had been validly tendered into and not withdrawn from the offer by Airgas shareholders, which together with the 1,508,255 shares of Airgas currently owned by Air Products, represents approximately 23.2 percent of Airgas' 83,666,869 shares outstanding as of August 4, 2010.

Airgas' stockholders may obtain copies of all of the offering documents free of charge at the SEC's website ([www.sec.gov](http://www.sec.gov)) or by directing a request to MacKenzie Partners, Inc., the Information Agent for the offer, at 212-929-5500 or toll-free at 800-322-2885. Additional information about the transaction, including the offering documents, is also available at [www.airproducts.com/airgasoffer](http://www.airproducts.com/airgasoffer).

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Air Products' financial advisors are J. P. Morgan Securities Inc. and Perella Weinberg Partners, its legal advisors are Cravath, Swaine & Moore LLP and Arnold & Porter, and its information agent is MacKenzie Partners, Inc.

Air Products (NYSE:APD) serves customers in industrial, energy, technology and healthcare markets worldwide with a unique portfolio of atmospheric gases, process and specialty gases, performance materials, and equipment and services. Founded in 1940, Air Products has built leading positions in key growth markets such as semiconductor materials, refinery hydrogen, home healthcare services, natural gas liquefaction, and advanced coatings and adhesives. The company is recognized for its innovative culture, operational excellence and commitment to safety and the environment. In fiscal 2009, Air Products had revenues of \$8.3 billion, operations in over 40 countries, and 18,900 employees around the globe. For more information, visit: [www.airproducts.com](http://www.airproducts.com).

#### **ADDITIONAL INFORMATION**

On February 11, 2010, Air Products Distribution, Inc. ("Purchaser"), a wholly owned subsidiary of Air Products and Chemicals, Inc. ("Air Products"), commenced a cash tender offer for all the outstanding shares of common stock of Airgas, Inc. ("Airgas") not already owned by Air Products, subject to the terms and conditions set forth in the Offer to Purchase dated as of February 11, 2010 (the "Offer to Purchase"). The purchase price to be paid upon the successful closing of the cash tender offer is \$63.50 per share in cash, without interest and less any required withholding tax, subject to the terms and conditions set forth in the Offer to Purchase, as amended. The offer is scheduled to expire at midnight, New York City time, on Friday, October 29, 2010, unless further extended in the manner set forth in the Offer to Purchase.

This communication does not constitute an offer to buy or solicitation of an offer to sell any securities. The tender offer is being made pursuant to a tender offer statement on Schedule TO (including the Offer to Purchase, a related letter of transmittal and other offer materials) filed by Air Products with the U.S. Securities and Exchange Commission ("SEC") on February 11, 2010. **INVESTORS AND SECURITY HOLDERS OF AIRGAS ARE URGED TO READ THESE AND OTHER DOCUMENTS FILED WITH THE SEC CAREFULLY IN THEIR ENTIRETY BECAUSE THEY CONTAIN IMPORTANT INFORMATION ABOUT THE PROPOSED TRANSACTION.** Investors and security holders can obtain free copies of these documents and other documents filed with the SEC by Air Products through the web site maintained by the SEC at <http://www.sec.gov>. The Offer to Purchase and related materials may also be obtained for free by contacting the Information Agent for the tender offer, MacKenzie Partners, Inc., at 212-929-5500 or toll-free at 800-322-2885.

Air Products has filed a definitive proxy statement on Schedule 14A dated July 29, 2010 with the SEC in connection with the solicitation of proxies for the 2010 annual meeting of Airgas stockholders. The definitive proxy statement has been mailed to shareholders of Airgas. **INVESTORS AND SECURITY HOLDERS OF AIRGAS ARE URGED TO READ THE PROXY STATEMENT AND OTHER DOCUMENTS RELATED TO THE SOLICITATION AND FILED WITH THE SEC CAREFULLY IN THEIR ENTIRETY AS THEY BECOME AVAILABLE BECAUSE THEY WILL CONTAIN IMPORTANT INFORMATION.** Investors and security holders will be able to obtain free copies of these documents (if and when available) and other documents filed with the SEC by Air Products through the web site maintained by the SEC at <http://www.sec.gov>. These materials may also be obtained for free by contacting Air Products' proxy solicitor for the 2010 Airgas annual meeting, MacKenzie Partners, Inc., at 212-929-5500 or toll-free at 800-322-2885.

#### **CERTAIN INFORMATION REGARDING PARTICIPANTS**

Air Products, Purchaser, and certain of their respective directors and executive officers and the Air Products nominees may be deemed to be participants in the proposed transaction under the rules of the SEC. Security holders may obtain information regarding the names, affiliations and interests of Air Products' directors and executive officers in Air Products' Annual Report on Form 10-K for the year ended September 30, 2009, which was filed with the SEC on November 25, 2009, and its proxy statement for the 2010 Annual Meeting, which was filed with the SEC on December 10, 2009; and of Purchaser's directors and executive officers in the Offer to Purchase.

Information about the Air Products nominees is included in the definitive proxy statement Air Products filed with the SEC on July 29, 2010 relating to the 2010 annual meeting of Airgas stockholders. These documents can be obtained free of charge from the sources indicated above. Additional information regarding the interests of these participants in the proxy solicitation and a description of their direct and indirect interests, by security holdings or otherwise, is also included in the definitive proxy statement filed by Air Products with the SEC.

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## **FORWARD-LOOKING STATEMENTS**

All statements included or incorporated by reference in this communication other than statements or characterizations of historical fact, are forward-looking statements. These forward-looking statements are based on our current expectations, estimates and projections about our business and industry, management's beliefs, and certain assumptions made by us, all of which are subject to change. Forward-looking statements can often be identified by words such as "anticipates", "expects", "intends", "plans", "predicts", "believes", "seeks", "estimates", "may", "will", "should", "would", "could", "potential", "continue", "ongoing", similar expressions, and variations or negatives of these words. These forward-looking statements are not guarantees of future results and are subject to risks, uncertainties and assumptions that could cause our actual results to differ materially and adversely from those expressed in any forward-looking statement.

Important risk factors that could contribute to such differences or otherwise affect our business, results of operations and financial condition include the possibility that Air Products will not pursue a transaction with Airgas and the risk factors discussed in our Annual Report on Form 10-K, subsequent Quarterly Reports on Form 10-Q, recent Current Reports on Form 8-K, and other SEC filings. The forward-looking statements in this release speak only as of the date of this filing. We undertake no obligation to revise or update publicly any forward-looking statement, except as required by law.

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