

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

SCHEDULE TO
(Rule 14d-100)

TENDER OFFER STATEMENT UNDER SECTION 14(D)(1) OR 13(E)(1)
OF THE SECURITIES EXCHANGE ACT OF 1934
(Amendment No.)

Airgas, Inc.
(Name of Subject Company (Issuer))

Air Products and Chemicals, Inc.
(Name of Filing Persons (Offerors))

Common Stock, par value \$0.01 per share
(Title of Class of Securities)

009363102
(CUSIP Number of Class of Securities)

John D. Stanley, Esq.
Senior Vice President and General Counsel
Air Products and Chemicals, Inc.
7201 Hamilton Boulevard
Allentown, PA 18195-1501
(610) 481-4911
(Name, Address and Telephone Numbers of Person Authorized to Receive
Notices and Communications on Behalf of Filing Persons)

Copies to:
James C. Woolery, Esq.
Cravath, Swaine & Moore LLP
Worldwide Plaza
825 Eighth Avenue
New York, NY 10019-7475
(212) 474-1000

CALCULATION OF FILING FEE

Transaction Valuation
Not applicable

Amount of Filing Fee
Not applicable

o Check the box if any part of the fee is offset as provided by Rule 0-11 (a) (2) and identify the filing with which the offsetting fee was previously paid. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

Amount Previously Paid: None
Form or Registration No.: Not applicable

Filing Party: Not applicable
Date Filed: Not applicable

Check the box if the filing relates solely to preliminary communications made before the commencement of a tender offer.

Check the appropriate boxes below to designate any transactions to which the statement relates:

- third-party tender offer subject to Rule 14d-1.
- issuer tender offer subject to Rule 13e-4.
- going-private transaction subject to Rule 13e-3.
- amendment to Schedule 13D under Rule 13d-2.

Check the following box if the filing is a final amendment reporting the results of the tender offer:

If applicable, check the appropriate box(es) below to designate the appropriate rule provision(s) relied upon:

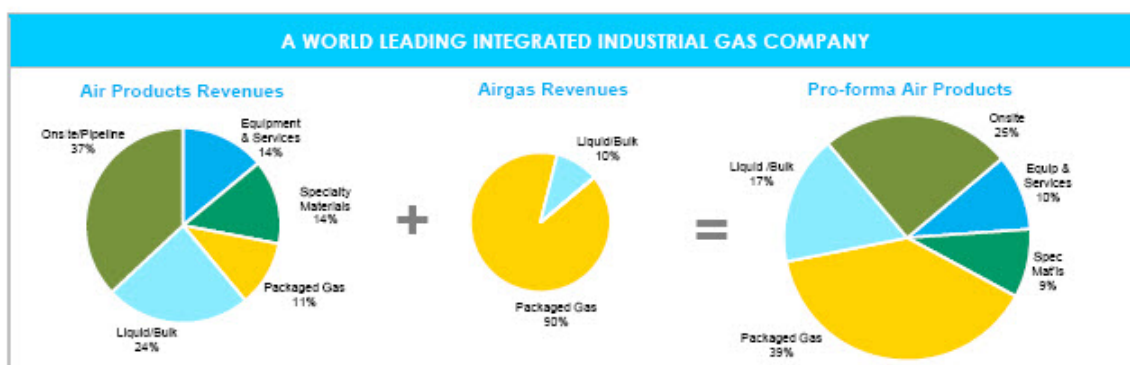
- Rule 13e-4(i) (Cross-Border Issuer Tender Offer)
 - Rule 14d-1(d) (Cross-Border Third-Party Tender Offer)
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Fact Sheet: Air Products Offer to Acquire Airgas

OFFER HIGHLIGHTS			
Consideration	All-cash offer for all Airgas shares at \$60.00 per share	Premium	Premium of 38% to Airgas' closing price on 2/4/10 of \$43.53
Synergies	Substantial cost synergies - \$250 million run-rate at end of year two	Financing	Air Products has secured committed financing from JP Morgan to complete the offer; Air Products is committed to remaining investment grade and to returning as soon as possible to an A rating
Accretion	Expected to be immediately accretive to Air Products' GAAP and cash EPS	Regulatory Approval	Air Products has thoroughly considered potential regulatory issues and is prepared to make appropriate divestitures

ABOUT AIR PRODUCTS		ABOUT AIRGAS	
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		Airgas, Inc. (NYSE:ARG), through its subsidiaries, is the largest U.S. distributor of industrial, medical, and specialty gases and hardgoods, such as welding equipment and supplies	
Revenue (FY2009 end 9/30)	\$8.3B	Revenue (Last twelve months ended 9/30)	\$4.0B
EBITDA	\$2.0B	EBITDA	\$0.7B
Employees	18,900	Employees	14,000
Headquarters	Allentown, PA	Headquarters	Radnor, PA



COMPELLING STRATEGIC AND INDUSTRIAL LOGIC
<p>Creates one of the world's leading integrated industrial gas companies</p> <ul style="list-style-type: none"> • Largest industrial gas company in North America and one of the largest in the world • Diversified across geographies and distribution channels with competitive positions in all three supply modes: Packaged Gases, Liquid Bulk, Tonnage <p>Combination of highly complementary skills and strengths enables us to better serve the needs of customers</p> <ul style="list-style-type: none"> • Air Products' leadership in tonnage, strong European and joint venture packaged gas positions • Airgas' leadership in U.S. packaged gases • Air Products' Engineering and Technology skill <p>Timing is excellent</p> <ul style="list-style-type: none"> • Provides Air Products a highly efficient re-entry into U.S. packaged gas market • Air Products' global infrastructure enables more rapid Airgas international expansion • Leverages Air Products' supply chain and SAP capabilities <p>Significant synergies available</p> <ul style="list-style-type: none"> • Substantial cost savings • Growth opportunities as economy recovers

ADDITIONAL INFORMATION

This communication does not constitute an offer to buy or solicitation of an offer to sell any securities. No tender offer for the shares of Airgas, Inc. (“Airgas”) has commenced at this time. In connection with the proposed transaction, Air Products and Chemicals, Inc. (“Air Products”) may file tender offer documents with the U.S. Securities and Exchange Commission (“SEC”). Any definitive tender offer documents will be mailed to stockholders of Airgas. **INVESTORS AND SECURITY HOLDERS OF AIRGAS ARE URGED TO READ THESE AND OTHER DOCUMENTS FILED WITH THE SEC CAREFULLY IN THEIR ENTIRETY WHEN THEY BECOME AVAILABLE BECAUSE THEY WILL CONTAIN IMPORTANT INFORMATION ABOUT THE PROPOSED TRANSACTION.** 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>.

In connection with the proposed transaction, Air Products may file a proxy statement with the SEC. Any definitive proxy statement will be mailed to stockholders of Airgas. **INVESTORS AND SECURITY HOLDERS OF AIRGAS ARE URGED TO READ THESE AND OTHER DOCUMENTS FILED WITH THE SEC CAREFULLY IN THEIR ENTIRETY WHEN THEY BECOME AVAILABLE BECAUSE THEY WILL CONTAIN IMPORTANT INFORMATION ABOUT THE PROPOSED TRANSACTION.** 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>.

CERTAIN INFORMATION REGARDING PARTICIPANTS

Air Products and certain of its respective directors and executive officers 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. 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, will also be included in any proxy statement and other relevant materials to be filed with the SEC when they become available.

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.