SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

PURSUANT TO SECTION 13 OR 15(d) of the SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported) 23 April 1996

Air Products and Chemicals, Inc.

(Exact name of registrant as specified in charter)

Delaware 1-4534 23-1274455

(State of other jurisdiction (Commission file number) (IRS Identification number)

7201 Hamilton Boulevard, Allentown, Pennsylvania 18195-1501

(Zip Code)

Registrant's telephone number, including area code (610) 481-4911

(Address of principal executive offices)

The Registrant reported record income from operations of \$94 million, or 85 cents per share, for the second quarter ended March 31, 1996. This compares to last year's net income of \$88 million, or 79 cents per share, a per-share increase of 8 percent. Sales of \$1 billion were up 3 percent versus \$983 million last year. These results exclude an after-tax gain in the current quarter of \$41 million, or 36 cents per share, from the settlement of certain derivative-related claims.

Industrial gas sales for the quarter rose 8 percent. Both merchant and tonnage volumes increased as new capacity came onstream. While operating income was down 9 percent, the company's gas equity affiliate income was \$8 million higher in the quarter. Strong results from the company's Spanish, Mexican, and Asian joint ventures were offset by margin pressures in the U.S. and northern Europe.

In chemicals, second quarter operating income equaled last year's record results on a 3 percent decline in sales. Despite some weakness in volumes, improved performance across all the major businesses offset the loss of profits from exiting merchant ammonia and a significant decline in methanol pricing.

Profits for the environmental and energy systems business were up slightly from a year ago. The company announced earlier this month its intent to sell its 50 percent share in American Ref-Fuel. This waste-to-energy joint venture with Browning-Ferris Industries typically represents a large portion of equity affiliate income for this business segment.

The equipment and services segment reported significantly higher operating income and a record backlog for the quarter despite lower sales.

For the first half of fiscal 1996, Air Products reported income of \$183 million, or \$1.65 per share, versus \$175 million, or \$1.56 per share, up 6 percent on an operating basis. Sales rose 3 percent to \$2 billion. These results exclude the 1996 gain from the settlement for certain derivative losses reported in fiscal year 1994.

Financial tables follow:

AIR PRODUCTS AND CHEMICALS, INC. SUMMARY OF CONSOLIDATED FINANCIAL INFORMATION (Unaudited)

(In millions, except earnings per share)

	Three Month		Six Months Ended 31 March		
	1996	1995	1996	1995	
Sales	\$1,013	\$983	\$1,960	\$1,904	
Net Income	\$ 135(a)	\$ 88	\$ 224(a)	\$ 175	
Earnings Per Share	\$ 1.21(a)	\$.79	\$ 2.01(a)	\$ 1.56	

(a) Includes an after-tax gain of \$41 million, or \$.36 per share, from the settlement with Bankers Trust Company over losses reported in fiscal 1994 associated with leveraged interest rate swap contracts.

CONSOLIDATED INCOME

(In millions,	except	per	share))
---------------	--------	-----	--------	---

			Six Months Ended 31 March 1996 1995		
SALES AND OTHER INCOME Sales Other income (expense), net	\$1,013 4	\$983 1	\$1,960 8	\$1,904 	
			1,968		
COSTS AND EXPENSES Cost of sales Selling, distribution and administrative	609	591 215		1,135 421	
Research and development		26	56	50	
OPERATING INCOME Income from equity affiliates, net of related expenses Gain on settlement of	148 18	152 8	292 34	298	
leveraged interest rate swaps Interest expense	67 31		67 60	 50	
INCOME BEFORE TAXES	202	134	333	265	
Income taxes	67	46	109	90	
NET INCOME	\$ 135	\$ 88 	\$ 224	\$ 175	
MONTHLY AVERAGE OF COMMON SHARES OUTSTANDING			112	112	
EARNINGS PER COMMON SHARE	\$ 1.21	\$.79	\$ 2.01	\$ 1.56	
DIVIDENDS DECLARED PER COMMON SHARE - Cash	\$.26	\$.25	\$.52	\$.49	

CONSOLIDATED BALANCE SHEETS

(In	millions,	except	per	share))

ASSETS	31 March 1996	31 March 1995
CURRENT ASSETS Cash and cash items Trade receivables, less allowances for doubtful accounts Inventories Contracts in progress, less progress billings Other current assets	\$ 82 649 383 114 144	\$ 94 626 304 108 127
TOTAL CURRENT ASSETS	1,372	1,259
INVESTMENTS PLANT AND EQUIPMENT, at cost Less - Accumulated depreciation	795 7,691 3,982	641 7,014 3,755
PLANT AND EQUIPMENT, net	3,709	3,259
GOODWILL OTHER NONCURRENT ASSETS	80 268	67 187
TOTAL ASSETS	\$6,224	
CURRENT LIABILITIES Payables, trade and other Accrued liabilities Accrued income taxes Short-term borrowings Current portion of long-term debt	\$ 491 235 94 423 25	\$ 503 241 53 211 146
TOTAL CURRENT LIABILITIES	1,268	1,154
LONG-TERM DEBT DEFERRED INCOME & OTHER NONCURRENT LIABILITIES DEFERRED INCOME TAXES	1,495 398 510	1,103 433 442
TOTAL LIABILITIES	3,671	3,132
SHAREHOLDERS' EQUITY Common stock, par value \$1 per share Capital in excess of par value Retained earnings Unrealized gain on investments	41	125 471 2,255 40 (19) (133)
Cumulative translation adjustments Treasury Stock, at cost Shares in trust	(458)	
Treasury Stock, at cost	(458) 2,553	(458)

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

During the second quarter of 1996, the Company reached a \$67 million settlement with Bankers Trust Company over \$107 million in losses the Company reported in fiscal 1994 associated with leveraged interest rate swap contracts. The settlement included the termination of two previously closed contracts with Bankers Trust. Prior to the settlement there was an outstanding liability of \$62 million associated with these closed contracts. The results for the three and six months ended 31 March 1996 include a gain of \$67 million (\$41 million after tax, or \$.36 per share) from the settlement.

In April 1996, the Company announced its plan to divest its joint venture interest in a waste-to-energy business and commence a share repurchase program designed to acquire approximately 10 percent of its 112 million shares outstanding for financial reporting purposes.

SUMMARY BY BUSINESS SEGMENTS

In	1111 1	 	 15

	Three Months Ended 31 March			Six Months Ended 31 March 1996 1995				
		1996	1995	1	996	1	995	
Sales:								
Industrial Gases Chemicals	\$	591 340	\$546 351	\$1	,142 650		,071 675	
Environmental/Energy		16			30			
Equipment/Services		66	69		138		127	
CONSOLIDATED	\$1	,013	\$983	\$1	, 960	\$1	,904	
Operating Income: Industrial Gases	\$	100	\$110	æ	203	Ф	219	
Chemicals	Ψ	53	53	Ψ	102	-	102	
Environmental/Energy					(1)			
Equipment/Services Corporate and Other		5 (10)	(3) (8)		9 (21)		(4) (19)	
CONSOLIDATED	\$	148	\$152	\$	292	\$	298	
Equity Affiliates' Income:		4.0	Φ 0	•	40	•		
Industrial Gases Chemicals	\$	10 	\$ 2	\$	19 	\$	4	
Environmental/Energy		8	6		15		13	
CONSOLIDATED	\$	_	\$ 8	\$	34	\$	17	

SUMMARY BY GEOGRAPHIC REGIONS

(In millions)

	Th		onths Ended March 1995		Month 31 M 996	-	
Sales: United States Europe Canada/Latin America Other	\$	763 215 34 1	211	\$1	, 462 427 69 2		,428 410 65 1
CONSOLIDATED	\$1	,013	\$983	\$1	,960	\$1	,904
Operating Income: United States Europe Canada/Latin America Other	\$	119 25 4		\$	228 59 5	\$	236 52 10
CONSOLIDATED	\$	148	\$152	\$	292	\$	298
Equity Affiliates' Income: United States Europe Canada/Latin America Other	\$	8 5 3 2	\$ 6 2 (1) 1	\$	14 11 4 5	\$	12 5 (2) 2
CONSOLIDATED	\$	18	\$ 8	\$	34	\$ 	17

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Air Products and Chemicals, Inc. (Registrant)

Dated: 23 April 1996 By: /s/ Arnold H. Kaplan

Arnold H. Kaplan

Vice President - Finance