PRICING SUPPLEMENT NO 5 DATED October 5, 1995 (To the Prospectus Dated April 27, 1995, and Prospectus Supplement dated May 17, 1995)

Rule 424(b)(3)

File No. 33-57357

AIR PRODUCTS AND CHEMICALS, INC.
MEDIUM-TERM NOTES, SERIES D
DUE FROM 9 MONTHS TO 20 YEARS FROM DATE OF ISSUE
FIXED-RATE NOTES

Trade Date: October 5, 1995 Maturity Date: October 11, 2007

Original Issue Date: October 11, 1995

| Range of Maturities | Interest Rate Per Annum |
|---|----------------------------|
| From 9 months to less than 1 year From 1 year to less than 18 months From 18 months to less than 2 years From 2 years to less than 3 years From 3 years to less than 4 years From 4 years to less than 5 years From 5 years to less than 6 years From 6 years to less than 7 years From 7 years to less than 8 years From 8 years to less than 9 years From 9 years to less than 10 years From 10 years to less than 11 years From 11 years to less than 12 years | |
| From 12 years to less than 13 years | |

Principal Amount: \$15,000,000.00

Face Amount: \$15,000,000.00

Issue Price: 99.946

Net Proceeds to Issuer: \$14,898,075.00

Specified Currency: U.S. Dollars Exchange Rate Agent: N/A

(If other than U.S. dollars, see attached)

Interest Payment Dates: Each June 15 and December 15 and at Maturity Record Dates: Each June 1 and December 1

Agent's Commission: \$93,750.00 Agent: CS First Boston Corporation

Global Note: /X/Yes / /No Form: /X/ Book-Entry / / Certificated

Depositary: DTC

Redemption: Check box opposite applicable sentence.

/X/The Notes cannot be redeemed prior to maturity.

/ /The Notes may be redeemed prior to maturity.

Terms of Redemption:

Repayment: Check the box opposite applicable sentence.

/X/The Notes cannot be repaid prior to maturity.

/ /The Notes may be repaid prior to maturity.

Terms of Repayment:

Additional Terms: