PRICING SUPPLEMENT NO. 8 DATED JANUARY 31, 1996   Rule 424(b)(3)
(To the Prospectus Dated April 27, 1995, and Prospectus
Supplement dated May 17, 1995)   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: January 31, 1996   Original Issue Date: February 5, 1996
                  Maturity Date: February 7, 2011

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	_____%
From 13 years to less than 14 years	_____%
From 14 years to less than 15 years	_____%
From 15 years to less than 16 years	6.25 %
From 16 years to less than 17 years	_____%
From 17 years to less than 18 years	_____%
From 18 years to less than 19 years	_____%
From 19 years up to and including 20 years	_____%

Principal Amount: $16,000,000.00

Face Amount: $16,000,000.00

Issue Price: 100%

Net Proceeds to Issuer: $15,896,000.00

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: $104,00.00   Agent: Lehman Brothers

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: