

PRICING SUPPLEMENT NO. 12 DATED OCTOBER 4, 1996  
 (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 4, 1996 Original Issue Date: October 9, 1996  
 Maturity Date: October 9, 2003

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 . . . . .	6.85 %
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 . . . . .	_____ %
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: \$29,000,000.00

Face Amount: \$29,000,000.00

Issue Price: Par

Net Proceeds to Issuer: \$28,826,000.00

Specified Currency: US Dollars  
 (If other than U.S. dollars, see attached)

Exchange Rate Agent: N/A

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

Record Dates: Each December 1 and June 1

Agent's Commission: \$174,000.00

Agent: Lehman Brothers, Inc.

Global Note: / x / Yes / / No

Form: / x / Book-Entry / / Certificated

Depository:

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: