Acknowledgment.—We have much pleasure in thanking Dr. D. R. Eaton and Dr. W. D. Phillips and their co-workers of the Central Research Department, Experimental Station, E. I. du Pont de Nemours and Co., Wilmington, Del., who generously made some of their compounds available for this work. We are in-

debted to Mr. E. S. Merritt for his assistance with the construction and maintenance of apparatus and to Mr. R. Beck, who ran many of the atmospheric pressure spectra for us. E. S. acknowledges financial assistance received under University of Sydney Research Grant R6/66/26.