

24 MW	CCINO		Chlorine fulminate		$C_{\infty v}$ (effective symmetry class) Cl-C $\equiv$ N-O
	$r_0$ <sup>a)</sup>	Å	$\theta_0$ <sup>a)</sup>	deg	
	Cl-C	1.65249(26)	C $\equiv$ N-O	171.50 <sup>b)</sup>	
	C $\equiv$ N	1.1747 <sup>b)</sup>	Cl-C $\equiv$ N <sup>c)</sup>	28.707(42)	
	N-O	1.2040 <sup>b)</sup>			

The irregular sequence of satellite spectra indicates that the Cl-C $\equiv$ N mode is highly anharmonic; *i.e.*, ClCNO exhibits truly quasilinear behavior.

<sup>a)</sup> Structural parameters derived by a semirigid bender analysis, which yields the barrier to linearity of 166.86(84) cm<sup>-1</sup> and the force constant for bending of 0.09452(60) aJ rad<sup>-2</sup>.

<sup>b)</sup> Assumed.

<sup>c)</sup> Complement.

Lichau, H., Gillies, C.W., Gillies, J.Z., Ross, S.C., Winnewisser, B.P., Winnewisser, M.: J. Phys. Chem. A **105** (2001) 10065.