
Abstract

Phosphorus-31 CPMAS spectra are reported for some copper(I) iodide phosphine complexes showing monomeric and dimeric structures. The spectra show distorted quartets of unequal line spacing, indicating significant deviation from spherical symmetry at the copper nucleus. A larger quadrupole induced distortion is obse. for the three-coordinate monomeric complexes than that for the four-coordinate dimeric complexes.