Cover Picture

Thomas M. Klapötke Heinrich Nöth, Thomas Schütt, and Marcus Warchhold

The cover picture shows the X-ray crystallographically determined structure of the hexaazidoarsenate(v) anion, which was produced by the simple reaction of trimethyl-silylazide and $[PPh_4]^+[AsCl_6]^-$ and can be isolated in the form of the $[PPh_4]^+$ salt. This is the first X-ray structural analysis of an arsenic azide. The extremely nitrogen-rich anion is almost S_2 symmetric in the crystal. Unexpectedly, the compound obtained shows little inclination to explode. More information about these interesting compounds is reported by T. M. Klapötke et al. on page 2108 ff.

