



>>Entry Name: Lead(II) cyanide

Synonym(s): Lead dicyanide

CAS Registry Number: 592-05-2

$\text{Pb}(\text{CN})_2$

Molecular Formula: $\text{C}_2\text{N}_2\text{Pb}$

Molecular Weight: 259.235

Accurate Mass: 259.982775

Percentage Composition: C 9.27%; N 10.81%; Pb 79.93%

Physical Description: Yellowish/white powder

Solubility: Sl. sol. cold H_2O ; sol. hot H_2O ; sol. aq. KCN

Hazard & Toxicity: Poison

References:

Rao, C.N.R. *et al.*, *J. Sci. Ind. Res., Sect. B*, 1959, **18**, 169, (*ir*)

Wilcox, D.E. *et al.*, *Ind. Eng. Chem.*, 1963, **55**, 32

Kroeker, R.M. *et al.*, *J. Chem. Phys.*, 1982, **77**, 4955

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, LCU000