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Typical Product Specifications & Properties

Copper cyanide

CAS Number: : 544-92-3

Specifications	Limits
Molecular weight	89.56
EINECS	208-883-6
SMILES	C(#N)[Cu]
InChI	1S/CN.Cu/c1-2;
InChIKey	DULSAGLWMRMKCQ-UHFFFAOYSA-N
Water solubility	Practically insoluble in water and alcohol. Soluble in ammonium hydroxide, aqueous ammonia, pyridine and N-methylpyrrolidone.
Stability	Stable. Incompatible with acids, bases, magnesium. Reacts violently with oxidizing agents, nitrates. Reaction with acid releases highly toxic gas (HCN).
Melting Point	474 °C
Density	2.92 g/mL at 25 °C
Merck	14,2661
Storage Temperature	Poison room



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