



>>Entry Name: Copper(II) carbonate (CuCO₃)

Synonym(s): Cupric carbonate. Carbonic acid copper(2+) salt (1:1), 9CI

CAS Registry Number: 1184-64-1

Extra CAS Registry Numbers(s): 7492-68-4 36386-77-3

CuCO₃

Molecular Formula: CCuO₃

Molecular Weight: 123.555

Accurate Mass: 122.924343

Percentage Composition: C 9.72%; Cu 51.43%; O 38.85%

General Statement: Struct. comprises coplanar CuO₄ chains linked into stacked sheets by bidentate (CO₃)²⁽⁻⁾

Use/Importance: Fungicide. Catalyst

Physical Description: Cryst.

References:

Graf, D.L., *Am. Mineral.*, 1961, **46**, 1283, (*cryst struct*)

Seidel, V.H. *et al.*, *Z. Anorg. Allg. Chem.*, 1974, **410**, 138, (*cryst struct*)