

Aurichalcite - $(\text{Zn,Cu})_5(\text{CO}_3)_2(\text{OH})_6$

Hardness = 1 - 2. Cleavage: Perfect. Readily dissolves in all acids and to a lesser extent in concentrated NH_3 . Avoid soaps and detergents. May become matted in water. Appears stable to Iron OUT/EDTA but use caution. Dark coatings may result from dithionite attack on other copper minerals present.

References

Mindat: <https://www.mindat.org/min-422.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/aurichalcite.pdf>

Hardinger, S. (2025) Mineral Specimen Cleaning and Development for the Amateur, 339 p.

Sinkankas, J. (1972) Gemstone & Mineral Data Book, 346 p. Winchester Press, New York.