

Brochantite - $\text{Cu}_4(\text{SO}_4)(\text{OH})_6$

Hardness = 3.5 - 4. Cleavage: Perfect. Delicate; easily damaged. Readily soluble in acids especially HNO_3 . Clean with distilled water only; avoid detergents, soaps and NH_3 . Poor tolerance for sonication.

References

Mindat: <https://www.mindat.org/min-779.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/brochantite.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.