

Atacamite - $\text{Cu}_2(\text{OH})_3\text{Cl}$

Hardness = 3 - 3.5. Cleavage: Perfect. Soft; brittle. Sensitive to a broad range of chemicals. Easily soluble in acids, especially HCl. Clean only with distilled water. Avoid detergent, soap, NH_3 and any alkalis.

References

Mindat: <https://www.mindat.org/min-406.html>

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