Diaboleite - $Pb_2CuCl_2(OH)_4$

Hardness: 2.5. Cleavage: Perfect. Overall poor chemical resistance. Completely soluble in HNO_3. Attacked by other acids. Avoid detergents, soap, alkalis and NH_3. Clean with pure water only.

References

Mindat: https://www.mindat.org/min-1276.html

Handbook of Mineralogy: https://www.handbookofmineralogy.org/pdfs/diaboleite.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.