

Cyanotrichite - $\text{Cu}_4\text{Al}_2(\text{SO}_4)(\text{OH})_{12} \cdot 2\text{H}_2\text{O}$

Hardness = 1 - 3. Cleavage: No data. May become matted in water but brief exposure (including sonication) generally tolerated. Easily soluble in acids. Avoid soaps, detergents, NH_3 and alkaline solutions. Probably intolerant to dithionite.

References

Mindat: <https://www.mindat.org/min-1203.html>

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