

Serpierite - $\text{Ca}(\text{Cu,Zn})_4(\text{SO}_4)_2(\text{OH})_6 \cdot 3\text{H}_2\text{O}$

Hardness: 2. Cleavage: Perfect. Slightly to moderately soluble in water. Sonicate in a nonaqueous medium only. Rapidly soluble in acids. Avoid detergent, soap, NH_3 and any alkalis.

References

Mindat: <https://www.mindat.org/min-3625.html>

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

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

Rohner, T. (2000) Properly clean minerals online cleaning book.

www.strahlen.org/stepbystep/mineralien-reinigung2.pdf. In German.

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