

# **Zirklerite - $(\text{Fe,Mg,Ca})_9\text{Al}_4\text{Cl}_{18}(\text{OH})_{12}\cdot 14\text{H}_2\text{O}$**

Hardness: 3.5. Cleavage: distinct/good. May be sensitive to alkalis.

## References

Mindat: <https://www.mindat.org/min-4426.html>

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

Duthaler, R. and Weiß, S. (2024) Mineral Cleaning for Collectors, 3<sup>rd</sup> Edition, 190 p. Duthaler, Switzerland.