

## Clinochlore (Prochlorite) - $\text{Mg}_5\text{Al}(\text{AlSi}_3\text{O}_{10})(\text{OH})_8$

Hardness: 2 - 2.5. Cleavage: Perfect. Micaceous; easily exfoliated. Slowly attacked by hot concentrated  $\text{H}_2\text{SO}_4$  and by concentrated  $\text{HCl}$  at room temperature. Attacked by oxalic acid. Said by some sources to swell and defoliate in water but this effect often not observed. Behaves as chlorite.

Verities/related species (treat same as clinochlore): Chromian clinochlore, diabantite, kaemmererite, kämmererite, pennin, penninite, ripidolite.

### References

Mindat: <https://www.mindat.org/min-1070.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/clinochlore.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](http://www.strahlen.org/stepbystep/mineralien-reinigung2.pdf). In German.

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