

# Eosphorite - $\text{Mn}^{2+}\text{Al}(\text{PO}_4)(\text{OH})_2 \cdot \text{H}_2\text{O}$

Hardness: 5. Cleavage: Poor/indistinct. Fragile. Clean in distilled water only. Soluble in acids.

Forms a solution series with the  $\text{Fe}^{2+}$  end member childrenite -  $\text{Fe}^{2+}\text{Al}(\text{PO}_4)(\text{OH})_2 \cdot \text{H}_2\text{O}$ . The two species are visually indistinguishable and may be intergrown.

## References

Mindat: <https://www.mindat.org/min-1386.html>

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