

Satterlyite - $(\text{Fe}^{2+}, \text{Mg}, \text{Fe})_{12}(\text{PO}_4)_5(\text{PO}_3\text{OH})(\text{OH}, \text{O})_6$

Hardness: 4.5–5. Cleavage: None observed. Attacked by HCl or H₂SO₄. May be sensitive to all acids to some extent.

References

Mindat: <https://www.mindat.org/min-3543.html>

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

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