

Switzerite - $\text{Mn}^{2+}_3(\text{PO}_4)_2 \cdot 7\text{H}_2\text{O}$

Hardness: 2. Cleavage: Perfect. Brittle. Attacked by HCl, H₂SO₄ or oxalic acid. May be sensitive to all acids to some extent.

Varieties/related species (treat same as switzerite): Metaswitzerite.

References

Mindat: <https://www.mindat.org/min-3848.html>

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

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