

Philipsburgite - $\text{Cu}_5\text{Zn}(\text{AsO}_4)(\text{PO}_4)(\text{OH})_6 \cdot \text{H}_2\text{O}$

Hardness: 3–4. Cleavage: None observed. May be sensitive to acetic acid, formic acid, tartaric acid or citric acid. Highly sensitive to NH_3 and other alkalis. Likely sensitive to dithionite.

References

Mindat: <https://www.mindat.org/min-3191.html>

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

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