

Zeunerite - $\text{Cu}(\text{UO}_2)_2(\text{AsO}_4)_2 \cdot 12\text{H}_2\text{O}$

Hardness: 2.5. Cleavage: Perfect. Radioactive. Micaceous; may exfoliate. Tolerates brief sonication. Rapidly attacked by HNO_3 and other acids. Readily dehydrates; store in sealed container.

Varieties/related species (treat same as zeunerite): Metazeunerite.

References

Mindat: <https://www.mindat.org/min-4397.html>

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

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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. In German.

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