

Nickeline (Niccolite) - NiAs

Hardness: 5 - 5.5. Cleavage: No data. Insoluble in water. Inert to dilute HCl (although Rohner reports sensitivity to this acid); use this acid for calcite removal. Attacked by H₃PO₄, HNO₃ or H₂SO₄. Inert to cold concentrated citric acid. Rarely a specimen will oxidize in damp air; storage in a sealed container over desiccant is a wise precaution.

References

Mindat: <https://www.mindat.org/min-2901.html>

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

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Rohner, T. (2000) Properly clean minerals online cleaning book.

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

Weast, R., Ed. (1982) CRC Handbook of Chemistry and Physics, 2380 p., CRC Press, Inc., Cleveland.