

Iowaite - $\text{Mg}_6\text{Fe}^{3+}_2(\text{OH})_{16}\text{Cl}_2 \cdot 4\text{H}_2\text{O}$

Hardness: 1.5. Cleavage: Perfect. Dehydrates and becoming pale green with a rusty red tint on exposure to air (alteration to [pyroaurite](#)). Readily soluble in mineral acids.

References

Mindat: <https://www.mindat.org/min-2038.html>

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

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