Hohmannite - $Fe^{3+}_2(SO_4)_2O \cdot 8H_2O$

Hardness: 3. Cleavage: Perfect. Some sources indicate insoluble in cold water whereas Wight indicates sensitive to water. Rapidly soluble in dilute HCl. Unstable (dehydrates? hygroscopic?); store in sealed container.

References

Mindat: https://www.mindat.org/min-1918.html

Handbook of Mineralogy: https://www.handbookofmineralogy.org/pdfs/hohmannite.pdf

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

Wight, Q. (1993) The Complete Book of Micromounting, 281 p. Mineralogical Record, Tucson, Arizona.