

Gladiusite - $\text{Fe}_2(\text{Fe,Mg})_4(\text{PO}_4)(\text{OH})_{11}(\text{H}_2\text{O})$

Hardness: 4–4.5. Cleavage: None observed. Very sensitive to HCl. May be attacked by all other acids to some extent. Oxidizes in air; store in sealed container under inert atmosphere.

References

Mindat: <https://www.mindat.org/min-11032.html>

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

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