Epidote - $(CaCa)(AlAlFe^{3+})O[Si_2O_7][SiO_4](OH)$

Hardness: 6. Cleavage: Perfect. Partially decomposed by hot concentrated HCl but otherwise stable to acids. Tolerates all dithionite derusting recipes. No luster lost when derusted with hot oxalic acid. Stable to NH_4HF_2. Skarn minerals such as epidote often exposed from enclosing calcite by acid treatment, but prolonged exposure may deluster. Crystals in skarn matrix may be cemented together by calcite so acid treatment may cause disintegration.

References

Mindat: https://www.mindat.org/min-1389.html

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

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.