

Phosgenite - $\text{Pb}_2\text{CO}_3\text{Cl}_2$

Hardness: 2 - 3. Cleavage: Distinct/good. Soft; brittle. Poisonous. Sensitive to thermal shock. Readily soluble in HCl. Attacked by acids (especially HNO_3) resulting in rapidly dulled luster. Quickly turns brown upon exposure to bleach.

References

Mindat: <https://www.mindat.org/min-3195.html>

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

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Hardinger, S. (2025) Mineral Specimen Cleaning and Development for the Amateur, 339 p.

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www.strahlen.org/stepbystep/mineralien-reinigung2.pdf. In German.

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