

Carnallite - $\text{KMgCl}_3 \cdot 6\text{H}_2\text{O}$

Hardness = 2.5. Cleavage: None observed. Brittle; soft. Rapidly soluble in water or acids. Clean with acetone or alcohol. Store in sealed container. Probably hygroscopic and deliquescent.

References

Mindat: <https://www.mindat.org/min-906.html>

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

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

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