

## Mascagnite - $(\text{NH}_4)_2\text{SO}_4$

Hardness: 2 - 2.5. Cleavage: Distinct/good. Readily soluble in water or acids. Insoluble in ethanol or acetone. Reported to be insoluble in  $\text{NH}_3$  but most certainly attacked somewhat as  $\text{NH}_4^+$  cations are exchanged. Hygroscopic; store in sealed container over desiccant.

### References

Mindat: <https://www.mindat.org/min-2584.html>

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

Rohner, T. (2000) Properly clean minerals online cleaning book.

[www.strahlen.org/stepbystep/mineralien-reinigung2.pdf](http://www.strahlen.org/stepbystep/mineralien-reinigung2.pdf). In German.

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

Weast, R., Ed. (1982) CRC Handbook of Chemistry and Physics, 2380 p., CRC Press, Inc., Cleveland.

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