

copper chloride

Other names:	Cuprous monochloride copper monochloride copper(1+) chloride cuprous chloride
Inchi:	InChI=1S/ClH.Cu/h1H;/q;+1/p-1
InchiKey:	OXBLHERUFWYNTN-UHFFFAOYSA-M
Formula:	ClCu
SMILES:	[Cl-].[Cu+]
Mol. weight [g/mol]:	99.00
CAS:	7758-89-6

Physical Properties

Property code	Value	Unit	Source
ie	10.70	eV	NIST Webbook
ie	10.70 ± 0.30	eV	NIST Webbook
ie	10.70 ± 0.30	eV	NIST Webbook
tt	688.00	K	Thermogravimetric analysis of InCl ₃ sublimation at atmospheric pressure

Sources

Thermogravimetric analysis of InCl₃ sublimation at atmospheric pressure:
NIST Webbook: <https://www.doi.org/10.1016/j.tca.2015.07.018>
<http://webbook.nist.gov/cgi/cbook.cgi?ID=C7758896&Units=SI>

Legend

ie: Ionization energy
tt: Triple Point Temperature

Latest version available from:

<https://www.cheméo.com/cid/14-095-1/copper-chloride.pdf>

Generated by Cheméo on 2024-08-18 12:29:37.270510315 +0000 UTC m=+2674046.517615674.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.