



PRODUCT CODE: 131264

Copper(II) Chloride 2-hydrate (Reag. USP, Ph. Eur.) for analysis, ACS

$\text{Cl}_2\text{Cu} \cdot 2\text{H}_2\text{O}$

$\text{CuCl}_2 \cdot 2\text{H}_2\text{O}$

M.= 170,48

CAS [10125-13-0]

EINECS 231-210-2

TARIC 2827 39 85 90

PHYSICAL DATA: crystals, Blue, Soluble in water 1.150 g/l at 20 °C Thermal decomp. above 100 °C • D 20/4 2,54 • M.P.: ~100 °C • pH(5% solution)3,5 •

BIBLIOGRAPHY: Merck Index **12**, 2.699 13, 2.660 Römp **8** , **2287** • Fieser **1163 284 366 4105 5158 6139 779 8119 9123 10106 1385 14100** • ACS **XI** • USP **43** •

HAZARDOUS: RTECS: GL 7030000 • LD50 oral rat 140 mg/kg •



H: H302+H312 • H318 • H315 • H410 •

P: P261 • P264 • P270 • P271 • P280 • P501 • P301+P310 • P302+P352 • P304+P340 • P305+P351+P338 • P312 • P321 • P330 • P332+P313 • P337+P313 • P362 • P403+P233 • P405 •

TRANSPORT REGULATIONS: UN: 2802 • ADR: 8/III • IMDG: 8/III • IATA: 8/III • PAX: 860 • CAO: 864 • (E) •

SPECIFICATIONS:

Minimum assay (Iodom.) 99,0%

pH of 5% solution $\geq 3,0$

Maximum limit of impurities

Insoluble matter in H₂O 0,005 %

Sulfate (SO₄) 0,005%

Non precipitated substances by H₂S 0,1 %

Nitrate (NO3)	0,015%
As	0,0005 %
Ba	0,005 %
Ca	0,005 %
Cd	0,0005 %
Co	0,0005 %
Cr	0,005 %
Fe	0,005 %
K	0,01 %
Mg	0,0005 %
Mn	0,0005 %
Na	0,01 %
Ni	0,005 %
Zn	0,001 %