



Product Specification

Product Name: COPPER (I) CHLORIDE AR

Alternate Name(s) Cuprous Chloride.

Description

White cubic crystals. Becomes greenish on exposure to air and brown on exposure to light.

Properties

Chemical Formula: CuCl
Molecular Weight: 99.00

Product Code: CA092
CAS No. 7758-89-6

General Information:

Soluble in water, acids, ammonia and ether. Insoluble in alcohol and acetone.
Incompatible with oxidizing agents, alkali metals, lithium nitride, air and light. Non combustible.

Hazard and Safety Data

UN Group: III
Class: 8
UN Number: 2802
Hazchem code: 2Z
CS MSDS Code: 1CHQZ
Poison schedule: S6
Emergency
Procedure Guide No.: 37

Quality Specification

Assay: 90.0% min

Specific Properties and Impurities [Typical levels]:

Melting Point	430 °C
Boiling Point	1367 °C
Specific Gravity	4.14
Solubility in Water (25 °C)	0.06 g/L
pH Value (slurry, 50 g/l, H ₂ O, 20 °C)	~ 5
Insoluble in acid	≤ 0.02%
Sulfate (SO ₄)	≤ 0.1%
Calcium (Ca)	≤ 0.01%
Iron (Fe)	≤ 0.005%
Potassium (K)	≤ 0.02%
Sodium (Na)	≤ 0.05%

CONFORMS TO ACS

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