



Product Specification

Product Name: COPPER (II) CHLORIDE Dihydrate LR

Alternate Name(s) COPPER CHLORIDE

Description

Green-blue deliquescent crystals or brownish-yellow powder.

Properties

Chemical Formula: $\text{CuCl}_2 \cdot 2\text{H}_2\text{O}$

Molecular Weight: 170.48

Product Code: CL004

CAS No. 10125-13-0

General Information:

Soluble in water and alcohol. Incompatible with acids, potassium, sodium, hydrazine, nitromethane, strong oxidisers, acetylene, aluminium and sodium hypobromite.

Hazard and Safety Data

UN Group: III
Class: 8
UN Number: 2802
Hazchem code: 2Z
CS MSDS Code: 1CH28
Poison schedule: S6
Emergency
Procedure Guide No.: 37

Quality Specification

Assay: 97.0% min.

Specific Properties and Impurities [Typical levels]:

Iron	≤ 0.1%
Sulfate	≤ 0.02%
Water insolubles	≤ 1.0%
Melting point	Loses 2H ₂ O @ 100 °C
Specific gravity (@ 25 °C)	2.54
Solubility in water	Soluble

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