



# Product Specification

**Product Name:** COBALT(II) CHLORIDE Hexahydrate LR

Alternate Name(s)

Description

Ruby-red crystals.

Properties

Chemical Formula:

Molecular Weight: 237.93

Product Code: CL093

CAS No. 7791-13-1

General Information:

Soluble in water, alcohols, ether, glycerol and acetone. Incompatible with moisture, oxidising agents and alkali metals. Harmful if swallowed. Non combustible material.

Hazard and Safety Data

UN Group: III  
Class: 6.1  
UN Number: 3288  
Hazchem code: 2X  
CS MSDS Code: 1CH1Z  
Poison schedule: Not Scheduled  
Emergency  
Procedure Guide No.: 34

Quality Specification

Assay: 23.5% min. (as Co)

Specific Properties and Impurities [Typical levels]:

Vapour Pressure @ 770 °C	40 mm Hg
Specific Gravity	1.924
Water insolubles	≤ 0.1%
Copper (Cu)	≤ 0.0030%
Iron (Fe)	≤ 0.025%
Magnesium (Mg)	≤ 0.008%

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