

Product Datasheet

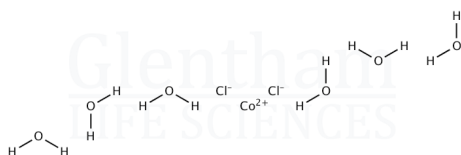
GK0520 - Cobalt(II) chloride hexahydrate

Product Details

Product Name	Cobalt(II) chloride hexahydrate
Glenthams Code	GK0520
CAS Number	7791-13-1
EINECS	231-589-4
MDL Number	MFCD00149652
PubChem SID	310270436
Additional CAS	7646-79-9 (anhydr.)
Additional CAS	69098-14-2 (hydrate)

Structure

Molecular Weight	: 237.93
Molecular Formula	: $\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$



Hazard Codes	H350, H410, H360, H317, H334, H400, H302, H341
Precautionary Codes	P273, P280, P308+P313, P261, P301+P312
Pictograms	

UN Number, Class, PG (RID)	UN3077 - 9 - PG III
----------------------------	---------------------

Glenthams Product Specification

Physical Description	: Dark red to purple crystals
Solubility (10% in water)	: Clear, red solution
Water Insoluble Matter	: $\leq 0.1\%$
Calcium (Ca)	: $\leq 1000\text{ppm}$
Nickel (Ni)	: $\leq 1000\text{ppm}$
Manganese (Mn)	: $\leq 500\text{ppm}$
Iron (Fe)	: $\leq 250\text{ppm}$
Magnesium (Mg)	: $\leq 80\text{ppm}$
Copper (Cu)	: $\leq 30\text{ppm}$
Cobalt (Co)	: 23.5 - 25.0 %
Assay	: $\geq 98\%$ (CoCl_2 , dried basis)
Version	: v1.0

About Cobalt(II) chloride hexahydrate

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

CLP Classification	Carc. 1B, Aquatic Chronic 1, Repr. 1B, Skin Sens. 1, Resp. Sens. 1, Aquatic Acute 1, Acute Tox. 4, Muta. 2
Signal Word	Danger

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2025