

# Product Specification

## Product Name: NICKEL(II) CHLORIDE Hexahydrate LR

Alternate Name(s)

### Description

Green crystals or powder. Deliquescent.

### Properties

Chemical Formula:  $\text{NiCl}_2 \cdot 6\text{H}_2\text{O}$

Molecular Weight: 237.71

Product Code: NL008

CAS No. 7791-20-0

### General Information:

Soluble in alcohol and ammonium hydroxide. Incompatible with strong oxidizing agents, peroxides, potassium. Non flammable.

### Hazard and Safety Data

UN Group: III  
Class: 6.1  
UN Number: 3288  
Hazchem code: 2X  
CS MSDS Code: 1CH4N  
Poison schedule: Not Scheduled  
Emergency  
Procedure Guide No.: 34

### Quality Specification

Assay: 24.0% min. (as Ni)

### Specific Properties and Impurities [Typical levels]:

Insoluble matter	≤ 0.0100%
Arsenic (As)	≤ 0.0010%
Cadmium (Cd)	≤ 0.0010%
Cobalt (Co)	≤ 0.0010%
Copper (Cu)	≤ 0.0010%
Iron (Fe)	≤ 0.0010%
Lead (Pb)	≤ 0.0005%
Zinc (Zn)	≤ 0.0005%

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38 - 50 Bedford Street, Gillman SA 5013, Australia ABN 19 008 264 211 PO Box 201, Port Adelaide SA 5015, Australia  
Telephone +61 8 8440 2000 Fax +61 8 8440 2001 E-mail: sales@chemsupply.com.au Web: www.chemsupply.com.au

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