

Product Specification

Product Name: NICKEL(II) CHLORIDE Hexahydrate AR

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: NA008

CAS No. 7791-20-0

General Information:

Soluble in alcohol and ammonium hydroxide. Incompatible with strong oxidising 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: 98% min.

Specific Properties and Impurities [Typical levels]:

Sulfate (SO ₄)	≤ 0.005%
Calcium (Ca)	≤ 0.005%
Cobalt (Co)	≤ 0.005%
Copper (Cu)	≤ 0.001%
Iron (Fe)	≤ 0.002%
Lead (Pb)	≤ 0.002%
Zinc (Zn)	≤ 0.001%

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