



# Nickel Nitrate Hexahydrate

## Product Data

Chemical formula	Ni(NO <sub>3</sub> ) <sub>2</sub> x 6 H <sub>2</sub> O
Chemical name	Nickel nitrate hexahydrate
Molecular weight	290.83 g/mol
CAS-Number	13478-00-7
REACH-Reg.-Number	236-068-5 EC/ 01-211-9492333-38-0003
Delivery form	emerald green crystals
Crystal form	monoclinic needles
Bulk density	1.1 kg/l approx.

## Analysis

	Specification	Typical
Nickel Ni	19-20 %	19.7 %
Cobalt Co	< 500 ppm	80 ppm
Lead Pb	< 5 ppm	1 ppm
Cadmium Cd	< 5 ppm	1 ppm
Copper Cu	< 10 ppm	1 ppm
Iron Fe	< 10 ppm	3 ppm
Manganese Mn	< 5 ppm	1 ppm
Chromium Cr	< 5 ppm	1 ppm
Zinc Zn	< 10 ppm	1 ppm
Aluminium Al	< 10 ppm	1 ppm
Calcium Ca	< 20 ppm	6 ppm
Magnesium Mg	< 20 ppm	2 ppm

## Application

Basic salt for conversion coating

## Storage

**Nickel nitrate hexahydrate** has a shelf life of min. 24 months if stored correctly in dry areas and in its original closed packaging at room temperature.

## Packaging

25 kg in UN PE bag  
(CP-3: max. 40 bags = 1.000 kg net)  
(EP: max. 40 bags = 1.000 kg net)

## Special advices for security

Information concerning

- ♦ classification and labelling according to the regulations governing transport and hazardous chemicals.
- ♦ protective measures for storage and handling
- ♦ safety measures in case of accident and fire
- ♦ toxicity and ecological effects

is given in our material safety data sheets.

## Customs Tariff Number

2834 2920