



Basic Nickel Carbonate Powder

Product Data

Chemical formula	2 NiCO ₃ x 3 Ni(OH) ₂ x H ₂ O
Chemical name	nickel hydroxycarbonate
Molecular weight	402.8 g/mol
CAS-Number	12607-70-4
REACH-Reg.-Number	235-715-9 EC/ 1-2119490826-25-00020
Delivery form	pale green powder
Bulk density	0.47 kg/l approx.

Analysis

	Specification	Typical
Nickel Ni	44-48 %	47 %
Cobalt Co	< 3000 ppm	200 ppm
Lead Pb	< 5 ppm	1 ppm
Cadmium Cd	< 30 ppm	1 ppm
Copper Cu	< 100 ppm	2 ppm
Iron Fe	< 20 ppm	12 ppm
Manganese Mn	< 5 ppm	1 ppm
Chromium Cr	< 50 ppm	1 ppm
Zinc Zn	< 10 ppm	3 ppm
Aluminium Al	< 100 ppm	3 ppm
Calcium Ca	< 100 ppm	25 ppm
Magnesium Mg	< 100 ppm	15 ppm
Chlorid Cl	< 100 ppm	< 5 ppm

Application

Replenisher for nickel baths. Component for nickel catalysts.
Raw material for the production of the nickel salts of weak acids.

Storage

Basic nickel carbonate 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 paper bag
(CP-3: max. 40 bags = 1.000 kg net)
(CP-1 max. 40 bags = 1.000 kg net)
(EP: max. 40 bags = 1.000 kg net)
25 kg in 50 liter steel drums
(CP-3: max. 27 drums = 675 kg net)
(EP: max. 18 drums = 450 kg net)
50 kg in 115 liter steel drums
(CP-3: max. 10 drums = 500 kg net)
(EP: max. 10 drums = 500 kg net)
Bigbags on EP: 400 kg / 500 kg and 1000 kg

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

2836 9917