



บริษัท พลวัต อินเตอร์เคม จำกัด

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SELNIC NICKEL CHLORIDE HEXAHYDRATE

SPECIFICATIONS

Molar weight	$\text{NiCl}_2 \cdot 6\text{H}_2\text{O} = 237.71$
Transformation temperatures	-dehydration at 103 °C (217 °F) -sublimation at 973 °C (1783 °F)
Bulk density, not compacted	approx. 1.00
Solubility in one liter of water	at 20 °C (68°F): 2 135 g at 80 °C (176°F): 5 875 g
pH of a 200 g/l solution	> 3.5

GUARANTEED ANALYSIS

Nickel	> 24.0	%
Cobalt	< 0.001	%
Iron	< 0.001	%
Copper	< 0.001	%
Lead	< 0.0005	%
Zinc	< 0.0005	%
Cadmium	< 0.001	%
Arsenic	< 0.001	%
Insoluble matter	< 0.01	%

QUALITY

SELNIC® nickel chloride is produced at the ERAMET plant at Le Havre-Sandouville using a high performance proprietary hydrometallurgical process resulting in a very high purity material. The feedstock arises from our own mines in New Caledonia thus guaranteeing consistency and quality. Our Quality Management System for the production and sales of nickel chloride is certified ISO 9002 by BVQI.

PRINCIPAL USES

- Nickel plating
- Chemical industry

PACKAGING

SELNIC® nickel chloride is packed in woven polypropylene bags with strong, humidity resistant polyethylene lining. Each bag contains 25 kg net. They are supplied on pallets, each carrying 40 bags (1 tonne), protected by a cardboard cover.

Pallet dimensions: 1 000 x 1 200 mm.

Net weight: 1 000 kg per pallet.

Gross weight approx.: 1 036 kg per pallet.

STORAGE CONDITIONS

SELNIC® nickel chloride is a crystallized salt containing 6 water molecules. Although it keeps in excellent condition during storage, it is nevertheless necessary to take certain precautions to prevent a change in its physical appearance which may be caused by considerable variations of temperature (such as setting in bulk, deliquescence, change of colour). It should be stored preferably in a dry place and protected from strong heat sources.

However, even in cases where its physical appearance may change, the chemical properties of the product remain unchanged.

Precautions during use: Manipulation of SELNIC® nickel chloride and its solution may cause an irritation of the eyes and of the skin. In case of skin contamination, wash with water and soap. In case of contact with eyes, rinse with abundant water for 10 to 15 minutes and consult a doctor. For more safety information please refer to the Material Safety Data Sheet.

Transportation: dangerous goods classification

RTMD/ADR 6.1 65° C

IMDG 6.1 page 6270-6

UN 3288

CAS Nr.: 7791-20-0

Dangerous classification: 60

Customs heading: 28 27 35

