

T4104 NICKEL NITRATE HEXAHYDRATE LR
(Nickelous Nitrate) LR

For general enquiries please contact our
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| Product Number | Packaging | Size |
|---|----------------|------|
| T410400500 | Plastic Bottle | 500g |
| Other bulk and consumer pack sizes are available. | | |

Product Information

| | |
|------------------|------------------------|
| Synonyms | Nickelous Nitrate |
| Chemical formula | $N_2NiO_6 \cdot 6H_2O$ |
| Form | solid |
| Colour | Dark Green |
| Odour | - |
| Molar mass | 290.81g/mol |
| CAS number | 13478-00-7 |

Physical and chemical data

| | |
|------------------------|-----------------------|
| Solubility | Soluble in water |
| Melting/freezing point | 57°C |
| Boiling point | 132°C |
| Molar mass | 290.81 g/mol |
| Density | 2.05g/cm ³ |
| Bulk density | - |
| pH value | 5 |
| Specific Gravity | 2.05 |

Safety information

May intensify fire; oxidiser.
Harmful if swallowed..
Harmful in contact with skin..
Harmful if inhaled.
Very toxic to aquatic life with long lasting effects.
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye damage
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Suspected of causing genetic defects.
May cause cancer by inhalation.
May damage fertility or the unborn child.
Causes damage to organs through prolonged or repeated exposure.



Tariff: 2834 29 20
R: 8-22-43-50/53
S: 24-37-61
F: 22

Transport information

CLASS 5.1: Oxidizing material.

Marine pollutant.

Technical data

| | |
|----------|------------|
| Assay | 98.0 Min % |
| Chloride | 0.01 Max % |
| Sulphate | 0.05 Max % |
| Cobalt | 0.1 Max % |
| Iron | 0.02 Max % |

Uses

Analytical chemistry.

Electroplating nickel coating.

Preparation of nickel catalysts.

Manufacturing of brown ceramic colours.

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