T4105 NICKEL NITRATE HEXAHYDRATE AR
(Nickelous Nitrate) AR

For general enquiries please contact our
Quality Control Division: qc@tirupatiind.com

Tirupati Industries (India) Limited
42-45, Emerald Industrial Estate,
Dheku,Tal. Khalapur, Dist. Raigad 410203,
Maharashtra, INDIA.

Phone: +91(22)67495050

Product Number	Packaging	Size
T410500250	Plastic Bottle	250g
T410500500	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

Transport information

CLASS 5.1: Oxidizing material.
Marine pollutant.

Technical data

Assay	99.0 Min	%
Chloride	0.001 Max	%
Sulphate	0.005 Max	%
Ammonium	0.05 Max	%
Lead	0.001 Max	%
Copper	0.001 Max	%
Cobalt	0.005 Max	%
Zinc	0.001 max	%
Iron	0.001 Max	%
Calcium	0.005 Max	%
Sodium	0.005 Max	%

Uses

Analytical chemistry.
Electroplating nickel coating.
Preparation of nickel catalysts.
Manufacturing of brown ceramic colours.

REGD. OFFICE & FACTORY: 42 – 45 EMERALD INDUSTRIAL ESTATE, DHEKU, TAL. KHALAPUR, DIST RAIGAD - 410 203, MAH (INDIA)
TEL: +91-22-67495050 | FAX: +91-22-67499292 | info@tirupatiind.com | www.tirupatiind.com