

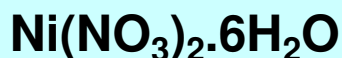


SDFCL
s d fine-chem limited
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\D:\PS\20166XPS.xls
PRODUCT CODE	20166
PRODUCT NAME	NICKEL NITRATE AR
SYNONYMS	[Nickel (II) nitrate AR]
C.I. NO.	--
CASR NO.	(13478-00-7)
ATOMIC OR MOLECULAR FORMULA	Ni(NO ₃) ₂ .6H ₂ O
ATOMIC OR MOLECULAR WEIGHT	290.79
PROPERTIES	Melting point: 55 deg C



PARAMETER	LIMIT
Description	Green crystals/crystalline powder.
Solubility	10% solution in water is bright and clear.
Minimum Assay (ex Ni)	99.0%
pH aqueous solution (5% in carbon dioxide free water)	4.0 - 6.0
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.003%
Chloride (Cl)	0.001%
Ammonium (NH ₄)	0.05%
Sulphate (SO ₄)	0.005%
Calcium (Ca)	0.005%
Cobalt (Co)	0.005%
Copper (Cu)	0.001%
Iron (Fe)	0.001%
Lead (Pb)	0.001%
Zinc (Zn)	0.001%

Note(s) : Assay (if applicable) method mentioned.

DANGER

Hazard statements : May cause respiratory irritation. May intensify fire; oxidizer. Harmful if inhaled. Harmful if swallowed .Causes skin irritation. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled. May cause allergic skin reaction. May cause cancer by inhalation. May damage the unborn child. Causes damage to organs through prolonged or repeated exposure by inhalation.Causes serious eye damage.Very toxic to aquatic life with long lasting effects

Precautionary statements

Prevention : Avoid breathing dust/fume/gas/mist/vapours/spray.Wash thoroughly after handling. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Obtain special instructions before use. In case of inadequate ventilation wear respiratory protection. Contaminated clothing should not be allowed out of the workplace.Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.Keep away from heat.Take any combustible or incompatible materials.

IMDG Code : 5.1/III

UN No. : 2725

IATA : 5.1

Response : Wear eye/face protection.If eye irritation persists, get medical advice/attention.IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs, seek medical advice/attention. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician.Specific treatment: refer to Label or MSDS.If exposed or concerned: Get medical attention advice.IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position. comfortable for breathing.Wash contaminated clothing before reuse. Wash/Decontaminate removed clothing before reuse. Remove/Take off immediately all contaminated clothing. IF ON SKIN: Gently wash with plenty of soap and water.Immediately call a POISON CENTER or doctor/physician. Get medical advice/attention if you feel unwell. If skin irritation or rash occurs, seek medical advice/attention.IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Disposal: Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :--



Oxidising



Aspiration hazard



Corrosive to metals



Aquatic environment

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 02
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010
Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO. :1554

