

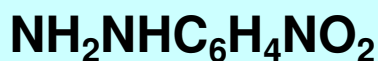


SDFCL
s d fine-CHEM limited
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\ID\PS\20172XPS.xls
PRODUCT CODE	20172
PRODUCT NAME	4-NITROPHENYL HYDRAZINE AR
SYNONYMS	(p-Nitrophenylhydrazine)
C.I. NO.	--
CASR NO.	(100-16-3)
ATOMIC OR MOLECULAR FORMULA	NH ₂ NHC ₆ H ₄ NO ₂
ATOMIC OR MOLECULAR WEIGHT	153.14
PROPERTIES	Soluble in hot water or hot benzene, alcohol, chloroform, ether, ethyl acetate.



PARAMETER	LIMIT
Description	Deep orange crystals or yellow to orange crystalline powder.
Solubility	2 gms in 50 ml of hot absolute industrial methylated spirit forming a clear, deep red solution.
Minimum Assay (oxidimetric)	98.0%
Melting Point	156° - 160 °C
Sulphated ash	Max 0.05%

MAXIMUM LIMIT OF IMPURITIES

Alcohol insoluble matter	Passes test.

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

DANGER

Hazard statements : Flammable solid. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled. Harmful to aquatic life

Precautionary statements

Prevention : Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. In case of inadequate ventilation wear respiratory protection. Avoid breathing dust/fume/gas/mist/vapours/spray. Keep away from heat/sparks/open flame - No smoking. Wear protective gloves and eye/face protection.

Response : IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician.

Disposal: The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

IMDG Code : 4.1/III
UN No. : 1325
IATA : 4.1

Hazard Pictogram(s) :--



Flammable



Aspiration hazard

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. : 01
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010
Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO.:1554

