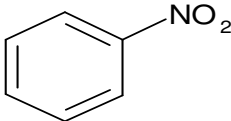




Product Specification

E Control	QC2\DATAD\DA\PS\20170XPS.xls
PRODUCT CODE	20170
PRODUCT NAME	NITROBENZENE AR
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	98-95-3
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₅ NO ₂
ATOMIC OR MOLECULAR WEIGHT	123.11
PROPERTIES	Combustible, Colour darkens on storage.
	
PARAMETER	LIMIT
Description	Pale yellow to yellow coloured clear liquid.
Solubility	Miscible in methanol forming clear solution.
Minimum assay(By GC)	99.0%
Wt.per ml at 20 °C	1.201 - 1.203 g
Freezing Point	Not below 5.3 °C
Refractive Index (n) _D ²⁰	1.552 - 1.553
Boiling Point	210.9 °C
MAXIMUM LIMIT OF IMPURITIES	
Water	0.05%
Acidity (HNO ₃)	0.003%
Chloride (Cl)	0.0002%
Copper (Cu)	0.00005%
Iron (Fe)	0.0001%
Lead (Pb)	0.00005%
Note(s) : Assay (if applicable) method mentioned.	
DANGER HAZARD STATEMENTS : Combustible Liquid. Fatal if inhaled. Toxic in contact with skin. Toxic if swallowed. Causes mild skin irritation. Causes eye irritation. Suspected of causing cancer. Suspected of damaging fertility. Causes damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects. PRECAUTIONARY STATEMENTS : Prevention : Wear protective gloves/clothing. Wash hands thoroughly after handling. Wear respiratory protection. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood. Use explosion-proof electrical/ventilating/lighting/equipment. Keep away from flames and hot surfaces. Use personal protective equipment as required. Obtain special instructions before use. Response : If exposed or concerned: Get medical attention advice. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If skin irritation occurs, seek medical advice/attention. If eye irritation persists, get medical advice/attention. Keep container tightly closed. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell. Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. Remove/Take off immediately all contaminated clothing. Immediately call a POISON CENTER or doctor/physician. Wash/Decontaminate removed clothing before reuse. IF ON SKIN: Gently wash with plenty of soap and water.	
Disposal : ---	
IMDG Code : 6.1/II UN No. : 1662 IATA : 6.1	

Hazard pictogram(s) :



Acute toxicity



Aspiration hazard



**Hazardous to the
aquatic environment**

Prepared By : DINESH	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	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. : 12/02/2011
Date : 10/02/2011	Date : 10/02/2011	Date : 12/02/2011	AMEND NO. : P067