



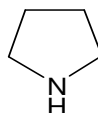
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Quality Control Dept.

Product Specification



E Control	QC2\DATAD\DA\PS\20910XPS.xls
PRODUCT CODE	20910
PRODUCT NAME	PYRROLIDINE 99.5% AR
SYNONYMS	Tetramethyleneimine, Tetrahydropyrrole
C.I. NO.	N/A
CASR NO.	123-75-1
ATOMIC OR MOLECULAR FORMULA	C ₄ H ₉ N
ATOMIC OR MOLECULAR WEIGHT	71.12
PROPERTIES	



PARAMETER	LIMIT
Description	A clear liquid colour < 10 Hazen.
Solubility	Miscible with water.
Minimum assay	99.5%
Wt. per ml at 20°C	0.859 - 0.861 g
Refractive index (n) _D ²⁰	1.443
Boiling point	86° - 88°C
MAXIMUM LIMIT OF IMPURITIES	
Water	0.2%
Iron (Fe)	0.0001%
Copper (Cu)	0.00001%
Lead (Pb)	0.0001%
Calcium (Ca)	0.0005%

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

DANGER

HAZARD STATEMENTS : Highly flammable liquid and vapour. Fatal if inhaled. Toxic if swallowed . Causes severe skin burns and eye damage .

PRECAUTIONARY STATEMENTS :

Prevention : Ground/bond container and receiving equipment. Wear protective gloves/clothing and eye/face protection. Do not breathe dust or mist. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well ventilated area. Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Wear respiratory protection. Wear protective gloves and eye/face protection. Keep container tightly closed. Keep away from heat/sparks/open flame - No smoking. Take precautionary measures against static discharge .Use only non-sparking tools. Use explosion-proof electrical/ventilating/lighting/equipment.

Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician. Wash contaminated clothing before reuse. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Absorb spillage to prevent material damage. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower.

Disposal : Allow to evaporate in safe open area (applicable for small quantities). If the volumes are larger than 500ml and no incinerator and site of evaporation is not available then transfer the waste chemical to waste solvent drum for collection by specialist disposal company. The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

IMDG Code : 3.2/II
UN No. : 1922
IATA : 3

Hazard pictogram(s):



Flammable liquids Acute toxicity Corrosive to metals



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Prepared By : VINOD PATEL	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. : 01
Sign. :	Sign. :	Sign. :	Revision dt. : 23/08/2010
Date : 21/08/2010	Date : 21/08/2010	Date : 23/08/2010	AMEND NO. : P062