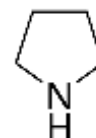


PYRROLIDINE FOR SYNTHESIS

PRODUCT CODE	199945
SYNONYMS	(TetramethyleneimineTetrahydropyrole)
C.I. NO.	--
CASR NO.	(123-75-1)
ATOMIC OR MOLECULAR FORMULA	C ₄ H ₉ N
ATOMIC OR MOLECULAR WEIGHT	71.12
PROPERTIES	--



PARAMETER LIMIT

Description	Clear colourless to pale yellow liquid.
Solubility	Soluble with alcohol, ether, chloroform & water.
Identification (By FTIR)	Conform
Minimum Assay (By GC)	99.0%
Wt. per ml at 20°C	0.859 – 0.861 g
Refractive index (n) _D ²⁰	About 1.4435
Boiling point	85 – 88°C

MAXIMUM LIMIT OF IMPURITY

Water	0.5%
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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**

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.

Responsepp: 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.

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

Disposal: Allow to evaporate in safe open area (applicable for small quantities). The chemical should be burnt in a chemical incinerator equipped with burner and scrubber. The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) :



GHS02



GHS05



GHS06

Replace date 25-July-2026