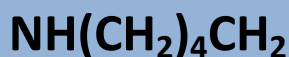




## Product Specification

### PIPERIDINE FOR SYNTHESIS

<b>PRODUCT CODE</b>	<b>192185</b>
<b>SYNONYMS</b>	Hexahydropyridine
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	(110-89-4)
<b>ATOMIC OR MOLECULAR FORMULA</b>	C <sub>5</sub> H <sub>11</sub> N
<b>ATOMIC OR MOLECULAR WEIGHT</b>	85.15
<b>PROPERTIES</b>	--



<b>PARAMETER</b>	<b>LIMIT</b>
Description	Clear and colourless liquid with characteristic odor.
Solubility	Miscible with water.
Minimum assay (GC)	98.0%
Wt. per ml(at 20 °C)	0.861-0.863 g
Refractive index (n) <sub>D</sub> <sup>20</sup>	1.4520-1.4540
Boiling range	105-107 °C

#### MAXIMUM LIMIT OF IMPURITY

Water	0.5%
Pyridine	0.3%
Iron(Fe)	0.0001%

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

#### DANGER

**HAZARD STATEMENTS :** Flammable liquid and vapour. Combustible Liquid. Toxic if inhaled. Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage.

#### PRECAUTIONARY STATEMENTS :

**Prevention :** Keep away from flames and hot surfaces. Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust or mist. Use explosion-proof electrical/ventilating/lighting/equipment. Wash thoroughly after handling. Wear protective gloves/clothing and eye/face protection. Use only outdoors or in a well ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray.

**Response :** Call a POISON CENTER or doctor/physician if you feel unwell. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed. Immediately call a POISON CENTER or doctor/physician. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. In case of fire, use alcohol-type foam for extinction. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of fire, use dry agent for extinction. Specific treatment: refer to Label or MSDS. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

**Disposal :** Add in small quantities to large, stirred excess of water, keeping the final concentration less than 2%. Neutralize with 5% sodium hydroxide soln. and run to waste with large quantities of running water.

IMDG Code :  
UN No. :  
IATA :

Hazard Pictogram(s) :



Flammable liquids



Corrosive to metals



Acute toxicity