



## **PRODUCT DATA SHEET**

### **PYRIDINE ACS GRADE**

#### **PHYSICAL DATA**

<b>Molecular Formula</b>	<b>C<sub>5</sub>H<sub>5</sub>N</b>
<b>Molecular Weight</b>	<b>79.10</b>
<b>CAS Registry Number</b>	<b>110-86-1</b>

#### **SPECIFICATIONS**

<b>Appearance</b>	<b>Colourless liquid</b>
<b>Odour</b>	<b>Characteristic odour free from foreign matter</b>
<b>Moisture Content</b>	<b>0.05% w/w</b>
<b>Distillation range at 760 mm</b>	<b>115 ° + 1 ° C</b>
<b>Miscibility</b>	<b>Miscible with water, shows no opalescence or separation</b>
<b>Ammonia</b>	<b>Less than 0.002%</b>
<b>Copper</b>	<b>5 ppm maximum</b>
<b>Residue after evaporation</b>	<b>Maximum 0.002%</b>
<b>Colour</b>	<b>Maximum APHA5</b>
<b>Chloride</b>	<b>Maximum 0.001%</b>
<b>Sulphate</b>	<b>Maximum 0.001%</b>
<b>Assay</b>	<b>99.5+ m/m</b>

#### **PACKING**

**190 kg MS Drums / 200 kg HMHDPE Drums**

#### **HEALTH HAZARD**

**Highly Inflammable**

### **TARGET ORGANS**

May cause CNS depression, irritation of skin and respiratory tract. Large doses may produce G.I. disturbances, kidney and liver damage.

### **APPLICATIONS**

- Intermediate for herbicides like diquat and paraquat; insecticides like chloropyrifos; antifungal agents like zinc pyrithione
- As a solvent for acylations, dehydrochlorination reactions
- As Denaturant
- As an acid scavenger
- Dyes & Bulk drugs intermediate