



## **PRODUCT DATA SHEET**

### **PYRIDINE 2 ° C**

#### **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>Clear Colourless to pale yellow liquid</b>
<b>Odour</b>	<b>Characteristic odour</b>
<b>Colour</b>	<b>Maximum 20 APHA</b>
<b>Moisture Content (by KF)</b>	<b>NMT 0.10%</b>
<b>Distillation range</b>	<b>First drop to dry point 2 ° C including 115 ° C by ASTM Method (at 760 mm HG)</b>
<b>Miscibility</b>	<b>Miscible with water, shows no opalascence or separation</b>
<b>Assay (By G.C.)</b>	<b>NLT 99.0 %</b>

#### **PACKING**

**190 kg MS Drums / 220 kg HMHDPE Drums.**

#### **HEALTH HAZARD**

**Highly Inflammable and Corrosive.**

#### **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
- chloropyriphos; antifungal agents like zinc pyrithione.
- As a solvent for acylations, dehydrochlorination reactions.
- As Denaturant.
- As an acid scavenger.
- Dyes & Bulk drugs intermediate.