



PRODUCT DATA SHEET

PYRIDINE ACS GRADE

PHYSICAL DATA

Molecular Formula	C₅H₅N
Molecular Weight	79.10
CAS Registry Number	110-86-1

SPECIFICATIONS

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

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