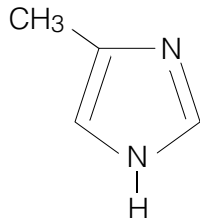


4-Methylimidazole

Technical Data Sheet

December 1996

Formula:..... $C_4H_6N_2$
Molecular Weight:..... 82.1
Product Number: 966431
CAS Registry Number:.... 822-36-6



Description

4-Methylimidazole is a colorless to slightly yellow solid. It is miscible with water and most polar organic solvents.

Safety

4-Methylimidazole may irritate the skin and eyes.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on safety.

Product Specifications	Value	Test Method
Assay, % minimum	97	HPLC
Impurities: Water, % maximum	0.5	KF

Physical Properties

Freezing point, °C (approx.)	46
Boiling range @ 21 mbar, °C	153 – 155
Density @ 20°C, g/cm ³	1.02
Flash point, °C	157

Applications

Intermediate used in the production of:

- pharmaceuticals
- pesticides
- corrosion inhibitors
- dye intermediates

Packaging

Available in 220 lb (net weight) polyethylene lined steel drums.

Storage & Handling

4-Methylimidazole has an almost unlimited shelf life in unopened, original containers when properly stored in a protected storage area. It must be protected from moisture. It is neither explosive nor spontaneously flammable in air. However, it is combustible and corrosive.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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