

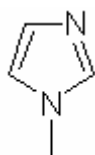
1-Methyl imidazole

Technical Data Sheet

October 2007



Formula $C_4H_6N_2$
Molecular Weight82.1
PRD Number..... 30037075
CAS Registry Number.....616-47-7



Product Specifications	Value	Test Method
Assay, % minimum	99.0	GC
Water, % maximum	0.5	DIN 51 777
Color, APHA maximum	25	DIN EN 1557

Physical Properties

Melting Temperature, °C	-2
Boiling Temperature, °C	198
Density @20°C, g/cm ³	1.03
Flash Point, °C	92
Ignition temperature, °C	525

Description

1-Methyl imidazole is a colorless to yellow liquid, with an amine-like odor. It is miscible with water.

Synonyms

1-Methyl-1H-imidazole
N-methylimidazole

Safety

1-Methyl imidazole is harmful if swallowed, and it can cause burns.

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

Applications

Intermediate used in the production of:

- Pharmaceuticals
- Pesticides
- Ion exchange resins
- Photographic chemicals
- Dye

Also used as a catalyst for

- Hardeners for epoxy resins
- Catalyst for polyurethanes

Packaging

Available in non-returnable drums.

Storage & Handling

1-Methyl imidazole has a shelf life of 12 Months in unopened, original containers stored below 25°C. It must be protected from heat, fire and sources of ignition. Segregate from acids and acid forming substances.

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

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