

Lupragen® DMI

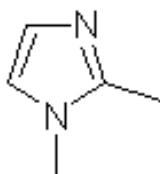
1,2-Dimethyl Imidazole

Technical Data Sheet

April 2010



Formula.....C₅H₈N₂
Molecular Weight 96.1
PRD Number 30080904
CAS Registry Number 1739-84-0



| Product Specifications | Value | Test Method |
|------------------------------|-------|-------------|
| Assay, % minimum | 96.0 | GC |
| 1-Methylimidazole, % maximum | 3.0 | GC |
| Water, % maximum | 0.5 | DIN 51-777 |

| Physical Properties | |
|-----------------------------------------|---------|
| Boiling Temperature, °C..... | 205 |
| Melting Temperature, °C..... | 20 - 40 |
| Density @ 40°C, g/cm ³ | 0.99 |
| Flash point, °C..... | 93 |
| Ignition Temperature, °C..... | 480 |

Description

1,2-Dimethylimidazole is a colorless to yellowish solid with an amine-like odor.

Synonyms

DMI
1,2-Dimethyl-1H-imidazole

Safety

1,2-Dimethylimidazole is harmful if swallowed and irritating to skin. There is also risk of serious damage to eyes.

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

Applications

Also used as a:

- Catalyst for polyurethanes
- Hardener for epoxy resins

Packaging

Available in 50kg non-returnable drums.

Storage & Handling

1,2-Dimethylimidazole has a shelf life of 24 months if stored in a protected area below 35 °C. Protect 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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