

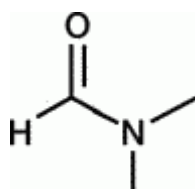
Dimethylformamide

Technical Data Sheet

October 2007



FormulaC₃H₇NO
Molecular Weight73.1
PRD Number.....30034812
CAS Registry Number.....68-12-2



Product Specifications	Value	Test Method
Assay, % minimum	99.9	GC
Methanol, % maximum	0.005	GC
Water, % maximum	0.03	DIN 51 777
Color, Hazen maximum	10	DIN ISO 6271
Acid fraction (calc. As Formic Acid), mg/kg maximum	10	Titrimetry
Base fraction (calc. as Dimethylamine), mg/kg maximum	10	Titrimetry

Physical Properties

Freezing Point, °C	-61
Flash Point, °C	58
Boiling Range, °C	152-153
Density @20°C, g/cm ³	0.94
Ignition temperature, °C	410

Description

Dimethylformamide is a colorless to yellow liquid with a faint, specific amine-like odor. It is miscible with water.

Synonyms

DMF
N,N-Dimethylformamid

Safety

Dimethylformamide can be irritating to respiratory system and skin. There is risk of serious damage to eyes and it is harmful by inhalation. Wear protective clothing, gloves, and eye/face protection.

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

Applications

It is used as a

- Solvent

Packaging

This product is available in bulk and drums.

Storage & Handling

Dimethylformamide has a shelf life of 12 months. It must be protected from fire, explosions, sources of ignition and electrostatic charges. Ensure thorough ventilation of work and storage area.

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

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