

N-Methylpyrrolidone

Standard Grade

Technical Data Sheet

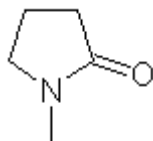
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FormulaC₅H₉NO
Molecular Weight99.1
PRD Number..... 30036605
CAS Registry Number.....872-50-4

Product Specifications	Value	Test Method
Assay, % minimum	99.5	8450
Water, % maximum	0.05	8432
Color, APHA maximum	50	8415



Physical Properties

Melting Temperature, °C	-23.6
Boiling Temperature, °C	204.3
Density @25°C, g/cm ³	1.028
Flash Point, °C	91
Ignition Temperature, °C	245

Description

Methylpyrrolidone is a clear, colorless liquid with a faint specific odor. It is miscible in water and organic solvents.

Synonyms

NMP

Safety

Methylpyrrolidone is irritating to eyes and skin.

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

Applications

Intermediate used in the production of:

- Gas Scrubber
- Absorption aid
- Crop protection agents
- Pharmaceuticals
- Pesticides
- Photographic chemicals
- Extracting agent
- Initial product for chemical syntheses
- Printing ink industry
- Paint industry

Packaging

Available in bulk and drums.

Storage & Handling

Methylpyrrolidone has a shelf life of 24 months in unopened, original container. It must be protected from fire and sources of ignition. Keep container dry.

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

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