



*Specialized in chemicals*

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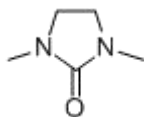
## Technical Data Sheet

### 1,3-Dimethyl-2-imidazolidinone

#### Product Information

Chemical Name	1,3-Dimethyl-2-imidazolidinone
CAS #	80-73-9
Formula	C <sub>5</sub> H <sub>10</sub> N <sub>2</sub> O
Molecular Weight	114.15
Synonyms	1,3-DIMETHYLIMIDAZOLIDONE;DMEU;DMI

Chemical Structure



#### Description

Colorless and transparent liquid with low viscosity, with fatty amine peculiar smell;

#### Specificaton

Item	Specification	Results
Appearance	Colorless and transparent liquid	Conforms
Content assay %	≥99.0	99.05
Water content %	≤0.1	0.098

#### Applications

- 1, It can be used as high-functional reaction solvent, as polymer solvent, can also be used to produce high-quality polyamide;
- 2, For pharmaceutical intermediates, an important organic solvent;
- 3, Used as formaldehyde trapping agent, fine chemicals intermediates, also used in the preparation of resin and preparation of plasticizers, paint, adhesives, etc.

### **Packaging**

200kg per drum  
16tons/20''FCL

### **Storage**

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Storage class (TRGS 510): Combustible liquids

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