

## Quick Information

- Place of Origin: Korea



بازرگانی پیلار  
واردات و فروش مستقیم مواد شیمیایی  
تلفن ۰۲۱۷۷۹۰۰۷۳۳

## Description

### Name

N,N-Dimethylformamide (DMF)

### Dimethylacetamide Description

Dimethylformamide is used as solvent for PUR coatings such as on textiles, backing materials of imitation leather. Dimethylformamide is also a special solvent for wide industrial purpose. The pharmaceutical industry also consume our dimethylformamide as solvent, reaction medium and intermediate to manufacture many kinds of drugs. DMF is also used as a solvent for liquids and gases and in the synthesis of organic compounds and used wherever a solvent with a slow rate of evaporation is required.

### Raw materials

Dimethylamine / Carbon Monoxide

### Physical properties

- Appearance : Colorless, clear alkaline liquid with faint amine odor.
- Mol. weight : 73.09
- Sp. Gr.(20°C) : 0.95
- Melting point : -61°C
- Boiling point(760mmHg) : 153°C
- Viscosity(25°C) : 0.082cps
- Flashing point : 67°C (open), 57.8°C(closed)
- Explosion limit :2.2-15.2Vol%(in Air)
- Vapor pressure(25°C) : 3.7mm Hg

### Packaging

- 190kg Steel drum (80 drums/20FT Container)
- Iso-Tank Container

### Applications

- Synthetic leather of Urethane
- Pharmaceuticals
- Acrylic Fiber
- Electronics
- Cellulose
- Triacetate
- Polyurethane



- Coatings
- Hot-Dipped tin parts
- Ingredient in Paint strippers
- Polyimide solvent
- Absorbant in Petrochemical processes

### Handling & storage

- Seal tight and store in a place without direct sun light.
- Avoid moisture.
- Heating may decompose and generate carbon monoxide.
- Avoid contact with skin or eyes.
- Wear safety-goggles & protective outfit in well-ventilated places.

### Product Specification

Appearance	Colorless liquid
Dimethylacetamide (wt %)	99.9 min.
Moisture (wt ppm)	200 max.
Fe(wt ppm)	0.05 max.
Color (APHA NO.)	10 max.
pH(20°C,20% Aq.Soloutioin)	6.6-8.0
Alkalinity(wt ppm,as DMA)	20 max.
Acidity(wt ppm as HCOOH)	20 max.
Conductivity( $\mu\text{s}/\text{cm}$ )	5 max.
MeOH(ppm)	10 max.

### Product Image

