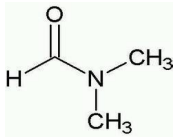


Technical Data Sheet

Basic information

Chemical name	NN-Dimethyl Formamide	Formula	C3H7NO
Synonyms	FORMIC ACID DIMETHYLAMIDE;FORMDIMETHYLAMIDE; FORMYLDIMETHYLAMINE;DIMETHYLFOR MAMIDE;DMF;DMFA; N',N-DIMETHYLFORMAMIDE	Chemical structure	
CAS.No.	68-12-2		
EINECS No.	200-679-5		
Molecular weight	73.09		

Physical properties

Appearance	Colorless liquid
Density,20℃, g/cm ³	0.948
Boiling point,℃	153
Melting point,℃	-61
Flash point,℃	58
Refractive index	1.430
Solubility	Miscible with water, miscible in most organic solvents

Specification

Items	Industry grade
Appearance	Colorless Transparent liquid
DMF,%	≥99.9
Methanol,mg/kg	≤5.0
Water,%	≤0.05
Acidity 1), mg/kg	≤10.0
Alkalinity 2), mg/kg	≤15.0
DMAC Ppm,	≤200
PH	6.50~7.50
Color (Hazan),Pt-Co	5

Application

In industrial usage	It is used as solvent for man-made leather and chemical fiber,
In agriculture industry	it is used as material for synthesis of insecticide of high-effectiveness and low-toxicity,
In petrochemical industry	it is as gas absorbent to separate and purify the gas
In Pharmaceutical industry,	it is as material of sulfadiazine,cortisone and Vitamin B6 in pharmaceutical industry,
Other use	and also as fixing agent in vapor-phase analysis.

Package

- 190kg/drum, 15.2mt per 20'ft;
- 1mt IBC drum, 20mt per 20'ft;
- 22mt flexitank per 20'ft;

Safety on transportation

It belongs to 3 hazard cargo, always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

Issue Date: 1st,12,2015