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## Technical Data Sheet

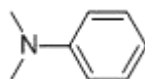
### **N,N-Dimethylaniline**

#### **Product Information**

Chemical Name	N,N-Dimethylaniline
CAS #	121-69-7
Formula	C <sub>8</sub> H <sub>11</sub> N
Molecular Weight	121.18

#### Synonyms

Aniline,N,N-dimethyl-;Benzenamine,N,N-dimethyl-;Dimethylanilin;Dimethylaniline,N-N-dimethylphenylamine;Dimethylphylamine;Dwumetyloanilina;dwumetyloanilina(polish);N,N-(Dimethylamino)benzene



#### **Description**

N,N-Dimethylaniline This is a kind of colorless to light yellow oily liquid

#### **Physical Properties**

Boiling point, °C .	193-194°C
Density(kpa)	1.033 g/mL at 20 °C(lit.)
Stability	Stable. Incompatible with bases, strong oxidizing agents.

## Specification

NO. Item	Details	
	First quality	Second quality
1 Appearance	light yellow to yellow liquid	
2 Crystallization point% $\geq$	2.0	1.8
3 NN-Dimethylaniline % $\geq$	99.0	98.5
4 N,N-Dimethylaniline % $\leq$	0.5	0.7
5 Aniline % $\leq$	0.03	0.05
6 Moisture % $\leq$	0.1	0.3

## Safety

Hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation. Severe overexposure can result in death.  
Always refer to the Material Safety Data Sheet (MSDS)

## Applications

1. It is the intermediate of pesticide ,medicine and dye intermediate.
2. Widely used in the production of vanillin,accidentally fluorine dye,triphenyl methane dye.
3. N,N-dinethylaniline is also used as a solvent and stabilizer, analytical reagent, etc.

## Packaging

190kg per iron drum  
15.2MT per 20ft container

## Storage & Handling

Keep away from heat.  
Keep away from sources of ignition.  
Ground all equipment containing material.  
Keep container in a cool, well-ventilated area.  
Keep container tightly closed and sealed until ready for use.

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

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