

**TNJ**®

*Specialized in chemicals*

Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center,  
Qianshan Rd. Hefei 230022 China

Tel : (0086) 551 5418695

Fax: (0086) 551 5418697

Email: info@tnjchem.com

Site: www.tnjchem.com

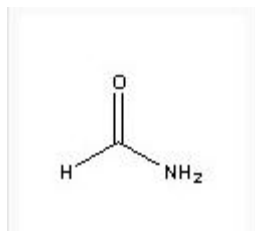
## Technical Data Sheet

# Formamide

### Product Information

Chemical Name	Formamide
CAS #	75-12-7
Formula	CH <sub>3</sub> NO
Molecular Weight	45.04
Synonyms	Methanamide; Methanoic acid, amide; Formimidic acid; Carbamaldehyde

### Chemical Structure



### Description

Formamide is a kind of Transparent liquid oily shape, a ammonia smelly. Has the hygroscopicity. It can be immiscible with water and ethanol, slightly soluble in benzene, ether and chloroform.

### Physical Properties

Melting point, °C .	2-3
Boiling point, °C	210
Density @ 20°C, g/cm <sup>3</sup>	1.1334
Flash point, °C	154

### Specification

Item	Specification
------	---------------

Assay, % min.	99.70
Water, % max.	0.05
Color, PT-CO max.	10
Fe,ppm max.	0.2

### Safety

Formamide is corrosive to the eyes, skin and respiratory tract  
Always refer to the Material Safety Data Sheet (MSDS)

### Applications

As a solvent, Formamide can be used in/with:

- Organic synthetic raw material
- Paper treatment
- Fiber industry softener
- The animal glue softener

Also used as:

- pesticides
- dyes
- pigments
- spices

### Packaging

220kg per plastic or iron drum.  
17.6mt per 20ft container

### Storage & Handling

Formamide has a shelf life of 24 months in unopened, and Lid to be sealed to prevent leaks, avoid contact with water. Storage in a cool dry and ventilated place away from fire, heat. Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

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

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we*

*has been advised of the possibility of such damages.*

**Hefei TNJ Chemical Industry Co.,Ltd.**

B911 Xincheng Business Center  
Qianshan Road, Hefei  
230022 Anhui  
China

Tel : (0086) 551 5418695  
Fax: (0086) 551 5418697  
Email: [info@tnjchem.com](mailto:info@tnjchem.com)  
Site: [www.tnjchem.com](http://www.tnjchem.com)