



*Specialized in chemicals*

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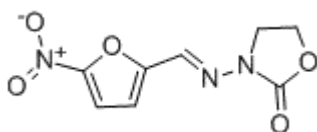
Site: www.tnjchem.com

## Technical Data Sheet

### Furazolidone

#### Product Information

Chemical Name	Furazolidone
CAS #	67-45-8
Formula	C <sub>8</sub> H <sub>7</sub> N <sub>3</sub> O <sub>5</sub>
Molecular Weight	225.16
Synonyms	2-Furanmethanimine, 5-nitro-N-(2-oxo-3-oxazolidinyl)-



Chemical Structure

#### Description

Yellow crystalline powder, odourless, taste bitter. Melting point 275 °C (decomposition). Insoluble in water, ethanol, slightly soluble in chloroform, slightly soluble in DMF.

#### Physical Properties

Pale yellow crystalline powder, odourless, taste bitter.  
Melting point 275 °C (decomposition). Insoluble in water, ethanol, slightly soluble in chloroform, slightly soluble in DMF.

#### Specification

Items	Specifications	Results
Description	Yellow crystal powder	Complies

Identification	Positive	Positive
Acidity	4.5~7.0	6.0
Loss on drying	≤0.5%	0.11%
Residue on ignition	≤0.1%	0.07%
Assay	97.0%~103.0%	99.20%
Nitrofurfural diacetate	≤1.0%	<0.20%

### **Safety**

It is common goods on transportation;  
Always refer to the Material Safety Data Sheet (MSDS)

### **Applications**

Anti-infective drugs, used in intestinal infection

### **Packaging**

25kgs /fiber drum

### **Storage & Handling**

Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed.

Normal measures for preventive fire protection.

Conditions for safe storage, including any incompatibilities Store in cool place.

Keep container tightly closed in a dry and well-ventilated place.

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