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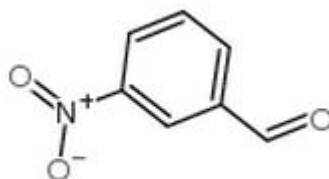
Site: www.tnjchem.com

## Technical Data Sheet

# 3-Nitrobenzaldehyde

### Product Information

Product Name	3-Nitrobenzaldehyde
Synonyms	meta-nitrobenzaldehyde; m-nitro-benzaldehyde; 3-nitro-benzaldehyde; 5-Nitrobenzaldehyde; 3-Formylnitrobenzene;
CAS No.	99-61-6
EINECS No.	202-772-6
Molecular formula	C <sub>7</sub> H <sub>5</sub> NO <sub>3</sub>
Molecular weight	151.12
Chemical structure	



### Physical Properties

Appearance	Light yellow crystalline powder
Boiling Point	285~290°C at 760mmHg
Melting Point	56°C
Flashing Point	164°C/23mm
Refractive Index	1.617

## Specification

<u>Index Name</u>	<u>Specification</u>
Appearance	Light yellow crystalline powder
Assay	≥99.5%
Melting Point	56 ~ 59°C
Moisture	≤0.5%
2-Nitrobenzaldehyde	≤0.5%
4-Nitrobenzaldehyde	≤0.5%

## Safety

3-Nitrobenzaldehyde is a stable material, not dangerous on transportation  
Always refer to the Material Safety Data Sheet (MSDS)

## Applications

- 1) Pharmaceutical Industry: used for synthesis of Iopanoic acid, Metaraminol Bitartrate, Nicardipine, Niludipine, etc..
- 2) Dye Industry: used for dye intermediates.
- 3) Other: used for surfactants organic synthesis intermediates.

## Packaging

- 1) 25kg per cylindrical fiber drum and two plastic bags inside  
Total 9MT per 20ft container without pallets
- 2) 25kg per cube fiber drum and two plastic bags inside  
Total 12MT per 20ft container without pallets

## Storage & Handling

Keep container closed when not in use. Store in a tightly closed container.  
Store in a cool, dry, well-ventilated area, far away incompatible substances.  
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.

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