



*Specialized in chemicals*

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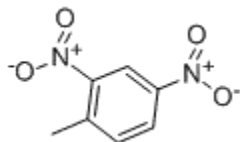
Site: www.tnjchem.com

## Technical Data Sheet

### **2,4-Dinitrotoluene**

#### Product Information

Chemical Name	2,4-Dinitrotoluene
CAS #	121-14-2
Formula	C7H6N2O4
Molecular Weight	182.13
Synonyms	1-methyl-2,4-dinitro-benzen;2,4-dinitro-toluen;4-methyl-1,3-dinitrobenzene



#### Description

2,4-Dinitrotoluene is a kind of yellow needle powder or yellow flakes.

#### Physical Properties

Melting point, ° C .	67-70
Boiling range, ° C	300
Relative vapour density(kpa)	1.521
Stability	Stable. Incompatible with strong oxidizing agents. Flammable.

#### Specification

Item	Specification
Appearance	Light yellow to brown yellow grain, schistose and lump
Content,%	≥99
Freezing point,°C	68.5~70.5

Acidity (AsH <sub>2</sub> SO <sub>4</sub> ),%	≤0.005%
Basicity (Determine the nature)	Not detected
Insoluble in acetone (benzene or toluene),%	≤0.1%
Moisture & Volatile matter, %	≤0.25%

### 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

intermediate used in the manufacture of dyes, explosives

### Packaging

25kg per fiber drum, 11MT per 20ft container  
25kg per carton, 13mt 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.

*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.*

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