



An ISO 9001:2015
Certified Company

Speciality Products Research Group

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Ref. No.: SRG/TDS/24DNT/2025

Rev. No.: 00

TECHNICAL DATA SHEET

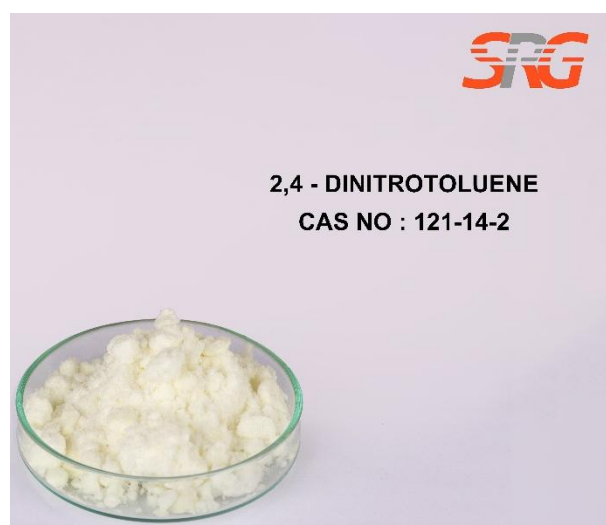
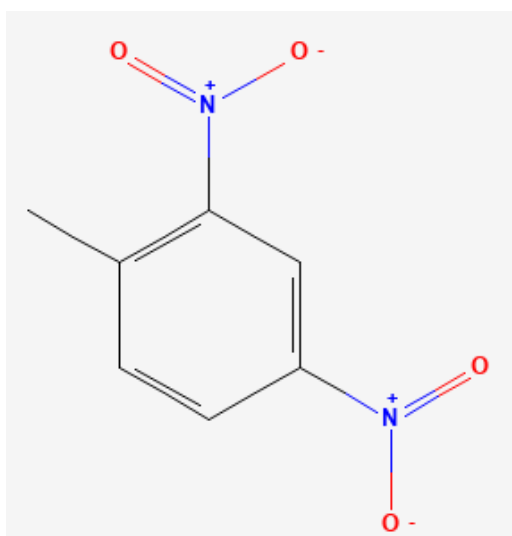
2,4-DINITROTOLUENE (2,4-DNT)

2,4-Dinitrotoluene (DNT) or dinitro is an organic compound well known as a precursor to trinitrotoluene (TNT) and also is mainly used as a precursor to toluene diisocyanate.

Synonyms:	2,4-DNT, 2,4-dinitrotoluol, benzene, 1-methyl-2,4-dinitro-
CAS No.:	121-14-2
Molecular Formula:	C ₇ H ₆ N ₂ O ₄
Avg Mass:	214.13g/mol
IUPAC Name:	1-methyl-2,4-dinitrobenzene

SPECIFICATIONS FOR 2,4-DINITROTOLUENE (2,4-DNT) as per A-A-59256 or MIL-D-204A

Sr. No.	Characteristics	Specified Limits
1.	Appearance/Colour	Light yellow through Buff powder
2.	Solidification point, °C	68.0
3.	Acidity as sulfuric acid, %	0.01 max
4.	Alcohol or benzene insoluble, %	0.01 max
5.	Moisture and volatile matter, %	0.25 max
6.	Granulation through a U.S. Number 16 sieve, parts	95



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CAS NO : 121-14-2

For Speciality Products Research Group

Proprietor

