

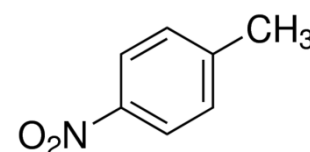


# Product Specification

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## p-NITRO TOLUENE FOR SYNTHESIS

<b>PRODUCT CODE</b>	<b>029395</b>
<b>SYNONYMS</b>	<b>(4-Nitro Toluene)</b>
<b>C.I. NO.</b>	<b>N/A</b>
<b>CASR NO.</b>	<b>99-99-0</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>7</sub>H<sub>7</sub>NO<sub>2</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>137.14</b>
<b>PROPERTIES</b>	<b>Combustible</b>



<b>PARAMETER</b>	<b>LIMIT</b>
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Description	Yellowish crystals or flakes.
Solubility	Soluble in alcohol, chloroform & ether.
Minimum assay (By GC)	99.0%
Melting Point	51 - 54°C

**Note(s) : Assay (if applicable) method mentioned.**

### DANGER

**HAZARD STATEMENTS :** Toxic if inhaled. Toxic in contact with skin. Toxic if swallowed. May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

### PRECAUTIONARY STATEMENTS :

**Prevention :** Do not breathe dust/fume/gas/mist/vapours/spray. Wear protective gloves/clothing. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

**Response :** Get medical advice/attention if you feel unwell. Immediately call a POISON CENTER or doctor/physician. IF

ON SKIN: Gently wash with plenty of soap and water. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed. Call a POISON CENTER or doctor/physician if you feel unwell.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS.

Wash/Decontaminate removed clothing before reuse. Remove/Take off immediately all contaminated clothing.

**Disposal :** The chemical waste should be collected by specialized disposal company. The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

IMDG Code : 6.1/II  
UN No. : 1664  
IATA : 6.1

### Hazard Pictogram(s) :



GHS06



GHS08



GHS09