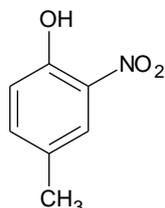


2-Nitro *para* Cresol

Technical Data Sheet | Aromatics Business

Synonyms 4-Methyl-2-nitrophenol; *p*-Cresol,2-nitro-; *o*-Nitro-*p*-cresol; 2-Nitro-*p*-cresol; 2-Nitro-4-methylphenol; 4-Hydroxy-3-nitrotoluene; 2-Nitro-4-cresol

Chemical structure and identity



Molecular formula	C ₇ H ₇ NO ₃
Molecular weight	153.14
CAS number	119-33-5
EINECS number	204-315-6
HS code	29089990

Specifications	Appearance	Light to dark brown colour liquid
	Purity (by GC)	97 ± 2%
	<i>p</i> -Cresol (by GC)	0.5% maximum
	Moisture (by KF)	3.0% maximum
	Free acid (as HNO ₃)	0.5% maximum

Physical properties	Density	1.3±0.1 g/cm ³
	Solidification point	25°C to 29°C

Description 2-Nitro *para* Cresol is light to dark brown colour liquid.

Applications Intermediate in dyes, pesticides, organic synthesis, inhibitor and fluorescent brightness.

Packaging 2-Nitro *para* Cresol is available in 200 litres HDPE drums and SS 316 ISO tanks.

Shelf life 1 year from the date of manufacturing.

Storage and handling Handling is performed in a well-ventilated place. Wear suitable protective equipments. Prevent dispersion of dust. Wash hands and face thoroughly after handling. Use a local exhaust if dust or aerosol is generated. Avoid contact with skin, eyes and clothing. Keep container tightly closed. Store in a cool and dark place. Store away from incompatible materials such as oxidising agents. Always refer to the Safety Data Sheet (SDS) for detailed information on storage and handling.

Safety Use proper personal protective equipment (PPE). Wear tightly sealed goggles and protective gloves. Wash hands thoroughly after handling this product. Always refer to the SDS for detailed information on safety.

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First aid

Eye contact: Rinse eyes in open position for several minutes with plenty of water. Consult a physician immediately.

Skin contact: Wash the affected area thoroughly with soap and water. Remove clothing contaminated by the product. Consult a physician immediately.

Ingestion: Do not induce vomiting. Never giving anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician immediately.

Inhalation: Shift the affected person to fresh air. Consult a physician immediately.

Spills and disposal

In case of spillage and | or leakage, always shut-off all possible sources of ignition and absorb the spilled material carefully with suitable liquid-binding material (such as sand, diatomite, acid binders, universal binders or sawdust). Prevent generation of vapour or mist. Do not allow the spilled material to enter sewers, surface or groundwater. Dispose of the contents | container(s) in accordance with local, regional, national or international regulations | guidelines as applicable.

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