

para Cresol

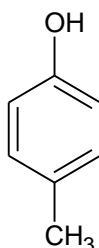
Technical Data Sheet | Aromatics Business



Synonyms

p-Methylphenol; 1-Hydroxy-4-methylbenzene; *p*-Tolyl alcohol;
p-Cresylic acid; *p*-Methylhydroxybenzene; *p*-Hydroxytoluene

Chemical structure and identity



Molecular formula	C ₇ H ₈ O
Molecular weight	108.14
CAS number	106-44-5
EINECS number	203-398-6
UN number	3455 (Cresols solid)
HS code	29071210

Specifications

Appearance	Colourless to pale-yellow solid
Purity (by GC)	99% minimum
Moisture (by KF)	0.05% maximum
<i>m</i> -Cresol (by GC)	0.8% maximum
<i>o</i> -Cresol (by GC)	0.1% maximum
Phenol (by GC)	0.02% maximum
Colour (APHA)	40 maximum

Physical properties

Specific gravity	1.02 to 1.03 at 35°C
Crystallisation range (dry basis)	33.8°C to 34.5°C
Melting point	34.5°C to 36°C

Description

para Cresol is a colourless to pale-yellow solid at ambient temperature, melting to pale-yellow liquid above 34°C.

Applications

Intermediate for agrochemicals, disinfectants, dyes, perfumery applications, pigments, pharmaceuticals, antioxidants, polymers, resins and surfactant products

Packaging

para Cresol is available in 200 kg GI or MS drums, MS-HDPE composite drums, road tankers and ISO tanks.

Shelf life

12 months from the date of manufacturing

Storage and handling

Keep containers tightly sealed, store at ambient temperature under inert atmosphere and away from direct sunlight to avoid colouration. Do not store along with combustible, oxidising and acidic materials. Avoid contact with skin and eyes. Avoid formation of aerosols. Always refer to the Safety Data Sheet (SDS) for detailed information on storage and handling.

Safety

This product is toxic in nature if it comes in contact with skin or swallowed. A self-contained breathing apparatus, suitable protective clothing, protective gloves and protective goggles should be worn while handling. Wash hands thoroughly after handling this product. Keep material away from foodstuffs, beverages and feed. Always refer to the SDS for detailed information on safety.

First aid

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

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

Ingestion: Avoid ingestion as the product is toxic. Do not induce vomiting. Drink plenty of water and provide fresh air. Consult a physician immediately.

Inhalation: Avoid inhalation as the product is toxic. Shift the affected person to fresh air. In case of irregular breathing or respiratory arrest, provide artificial respiration. Consult a physician immediately on suspicion of intoxication.

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). Do not touch the damaged containers or spilled material unless wearing appropriate protective clothing. This material is harmful to aquatic life with long lasting effects. 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.

Contact

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