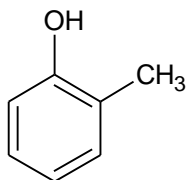


## Synonyms

*o*-Hydroxytoluene; *o*-Methylphenol; *o*-Oxytoluene; *o*-Cresylic acid; 1-Methyl-2-hydroxybenzene; 1-Hydroxy-2-methylbenzene

## Chemical structure and identity



Molecular formula	C <sub>7</sub> H <sub>8</sub> O
Molecular weight	108.14
CAS number	95-48-7
EINECS number	202-423-8
UN number	3455 (Cresols solid)
HS code	29071290

## Specifications

Appearance	Colourless to pale-yellow solid
Purity (by GC)	99.5% minimum
Moisture (by KF)	0.15% maximum
<i>m</i> -Cresol (by GC)	0.1% maximum
<i>p</i> -Cresol (by GC)	0.1% maximum
Phenol (by GC)	0.2% maximum
Colour (APHA)	60 maximum

## Physical properties

Specific gravity	1.03 to 1.05 at 30°C
Distillation range	189°C to 192°C
Melting point	31°C to 33°C

## Description

*ortho* Cresol is a colourless to pale-yellow solid, having melting temperature 31°C.

## Applications

Intermediate for agrochemicals, antioxidants, disinfectants, dyes, electronic grade resins, novolac resins, perfumery applications, pigments, pharmaceuticals, polymers and plasticisers.

## Packaging

*ortho* Cresol is available in 200 kg GI 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, eyes and clothing. 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 this product. 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:** Wash the affected area thoroughly with soap and water. Remove clothing contaminated by the product. Consult a physician immediately.

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

**Inhalation:** Avoid inhalation as the product is toxic in nature. In case of irregular breathing or respiratory arrest, provide artificial respiration. 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). Do not touch 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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