

# Phenol Oil

## Product Datasheet

Phenol oil is a coal tar distillate derivative with boiling range about 170°C – 210°C. It is low viscous reddish Brown dark fluid with characteristic odor. It is distilled out before Naphthalene oil during coal tar distillation. The chemical composition of Phenol oil is influenced by the origin of coal tar and by the nature of the distilling process.

Hence Phenol oil is a mixture of various chemicals and tar acids majorly including Phenols, cresols, xylenols and some traces of naphthalene etc.

### APPLICATIONS

- ◆ Phenol oil is used in Industrial chemicals processing like phenolic resins, epoxy resins & polycarbonates.
- ◆ It is also used as blend for wood preservatives, plywood adhesives and laminates requirements.
- ◆ It is also used in agrochemical applications in insecticides and pesticides and disinfectants making.
- ◆ Phenol oil is used in pharmaceutical applications also for synthesizing drugs and antiseptics.

### PERFORMANCE

- ◆ Phenol oil is slightly soluble in water and soluble in a variety of organic solvents, it is hygroscopic in nature.
- ◆ Phenol oil is corrosive in nature.
- ◆ Cresols like o-, m-, p- and xylenols can be mixed with Naphthalene and other tar oils.

### TYPICAL QUALITY PROPERTIES

Property	Unit	Specification
Appearance	-	Reddish Brown low viscous fluid
Sp. Gravity @ 15.56°C	-	0.97 - 1.0
Moisture Content	%	2.0 Max.
Phenol Content	%	10.0 - 15.0
Cresols (O-, M-, P-) Content	%	30.0 - 40.0
Naphthalene Content	%	15.0 Max.
Total Phenolics	%	40.0 55.0
BTX	%	10.0 - 22.0
Sulphur Content	%	0.5% Max.

### PACKAGING

Packing Type	Quantity
Liquid in tankers/ ISO Tankers/Break Bulk vessels.	As per buyer requirement

### PRODUCT FORM AND SAFETY DATA

- ◆ It's a complex combination of tar acids, Naphthalene hence use protective clothing like mask, Apron, goggles and chemical resistant gloves to handle Phenol oil.
- ◆ Store at room temperature in a well- ventilated location. Keep away from open fire and Ignition sources.

Scan to  
know more



### TECHNICAL AND SALES CONTACT



productenquiry@epsiloncarbon.com