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Phenol

1. Description :

The beginning from benzene alkylation by propylene with formation of cumene, then continuing with the subsequent cumene oxidation into cumene hydroperoxide(CHP), followed by acid-catalyzed cleavage of CHP, then CHP reaction cleavage get their product are phenol and acetone. High purity phenol quality is achieved through a combination of minimizing impurity formation and efficient purification techniques.

2. Technolgy Source :

UOP Phenol process

3. Typical Properties :

Item	Properities	CCP Specification	Test Method
1	Appearance	Clear, Colorless	Visual
2	Purity,wt%	≥ 99.9	GC Method
3	Solidification Point, °C	≥ 40.7	ASTM D-1493
4	Color,APHA	≤ 10	ASTM D-1686
5	Water,ppm	≤ 500	ASTM D-1631

4. Characteristics

Phenol is a white crystalline solid, smelling of disinfectant. It is only mildly acidic but requires careful handling due to its propensity to cause burns.

5. Application :

- BPA
- Phenol resin
- Epoxies
- Detergents and drugs
- Herbicides and pharmaceuticals.

6. Package :

Bulk :shipping transport (Min 500 TON)

Tank Lorry :20MT per container

Drum : 200kg/pc

7. Storage:

Store in a tightly closed container. Store in a cool, dry, well-ventilated area. Keep away from sources of ignition, incompatible substances, and flammable-area. Keep warehouse to avoid direct sunshine and rain..

