KESSLER CHEMICAL

Distribution & Service Since 1973

Let Us Work For You!

Phone: (610) 758-9602

Toll Free: (844) 758-9602

Email: Inquirehere@kesslerchemical.com

Web: www.kesslerchemical.com

Phenol-90%

Product ID: PH90-475

Synonyms: Carbolic acid solution; Phenylic acid solution; Hydroxybenzene solution; Monohydroxybenzene solution; Phenyl hydroxide solution

CAS#: 108-95-2

Sales Specifications:

Purity (by GC): 89.2-90.8% by wgt. Min.

Water: 9.2-10.8% by wgt. Max.

Solidification Point: 13-17°C

Color: 20 Max.

Packing: 475 lbs. net drum

Physical Properties:

Appearance: Water-white, clear liquid

Color: 20 APHA max.

Odor: Sweet, aromatic

Specific Gravity (20/4 °C.): 1.02 g/mL

Melting point/freezing point: 13-17°C (55.4-62.6°F)

Initial boiling point/range: 100°C (212°F)

Flash point: 105°C (221°F)

Vapor pressure: 16.55 mmHg at 25°C

Vapor density: 3.2

Relative density: 1.02 @ 20/4°C.

Viscosity: 1.51 cp @ 80°C

Molecular Formula: C_6H_6O (Phenol)

Molecular Weight: 94.11 g/mol (Phenol)

Product Description:

Kessler Chemical is a leading supplier and distributor of high-purity Phenol-90%. Kessler Chemical works closely with leading suppliers to offer the high quality Phenol-90% that you need for your applications.

Phenol-90% is an aromatic organic compound with the molecular formula C_6H_5OH in a water solution.

Phenol is produced on a large scale (about 15 billion lbs./year) from petroleum. It is an important industrial commodity as a precursor to many materials and useful compounds. Because of phenol's commercial importance, many methods have been developed for its production. The dominant current route (approximately 95% of production) is the Cumene process, which involves the partial oxidation of Cumene (isopropylbenzene) via the Hock Rearrangement. Acetone is produced as a by-product.

The major uses of phenol are in the manufacture of plywood adhesives and plastics. About two-thirds of its production involves the conversion to precursors for plastics, such as polycarbonates, epoxies, nylon, and phenolic resins. Other uses include detergents, herbicides and numerous pharmaceuticals.

Chemical producers and buyers rely on Kessler Chemical for their Phenol-90% needs. We offer the quality, availability and technical knowledge you are looking for in a Phenol-90% supplier. Let Kessler Chemical work for you!