



***Distribution & Service Since 1973***

**Let Us Work For You!**

**Phone:** (610) 758-9602

**Toll Free:** (844) 758-9602

**Email:** [Inquirehere@kesslerchemical.com](mailto:Inquirehere@kesslerchemical.com)

**Web:** [www.kesslerchemical.com](http://www.kesslerchemical.com)

## **Phenol-85%**

Product ID: PH85-475

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

CAS#: 108-95-2

### **Sales Specifications:**

Purity (by GC): 84.2-85.8% by wgt. Min.

Water: 14.2-15.8% by wgt. Max.

Color: 20 APHA 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: 8-14°C (46.4-57.2°F)

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

Flash point: 105°C (221°F)

*Copyright © 2016 Kessler Chemical, Inc. All rights reserved.*

*Kessler Chemical, Inc., the "K" logo , KessChem and all other names and trademarks denoted with ® or ™ are trademarks or registered trademarks of Kessler Chemical, Inc., 77 W. Broad St., Bethlehem, PA 18018*

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<sub>6</sub>H<sub>6</sub>O (Phenol)

Molecular Weight: 94.11 g/mol (Phenol)

**Product Description:**

Kessler Chemical is a leading supplier and distributor of high-purity Phenol-85%. Kessler Chemical works closely with leading suppliers to offer the high quality Phenol-85% that you need for your applications.


Phenol-85% is an aromatic organic compound with the molecular formula C<sub>6</sub>H<sub>5</sub>OH in a solution with water.

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-85% needs. We offer the quality, availability and technical knowledge you are looking for in a Phenol-85% supplier. Let Kessler Chemical work for you!

*Copyright © 2016 Kessler Chemical, Inc. All rights reserved.*

*Kessler Chemical, Inc., the "K" logo , KessChem and all other names and trademarks denoted with ® or ™ are trademarks or registered trademarks of Kessler Chemical, Inc., 77 W. Broad St., Bethlehem, PA 18018*