



Asia Petrochemicals LLC

## Benzene

### PRODUCT DESCRIPTION

Benzene, C<sub>6</sub>H<sub>6</sub>, is a volatile, clear, colorless, and flammable liquid aromatic hydrocarbon possessing a distinct, characteristic odor. Benzene is the simplest aromatic compound, with a sixcarbon ring, a hydrogen atom attached to each carbon atom, and alternating double bonds in the ring structure. It occurs naturally in fossil raw materials such as crude oil and coal tar.

### APPLICATIONS:

it is found in motor fuels and is used extensively as a chemical building block for the production of many important industrial compounds, such as:

Ethylbenzene and styrene – used to manufacture polystyrene plastics, engineering plastics, and synthetic rubber

Cumene and phenol – used to make phenolic resins like epoxies, polycarbonate, and more

Cyclohexane – used to make nylon products

Nitrobenzene and aniline – used to make dyes, polyurethanes, etc.

Alkylbenzenes – used to make detergents

Chlorobenzenes and other intermediates – used to produce pharmaceuticals, specialty chemicals, plastics, glazing materials, resins, dyes, and pesticides

**Packing:** Bulk, ISO Tanks & Drums

PROPERTY	TYPICAL VALUE
Molecular Formula	C <sub>6</sub> H <sub>6</sub>
Mol Wt	78.06
CAS #	[71-43-2]
Description	Clear colourless liquid
Sp gravity @ 27/27 deg cel	0.882 – 0.885
Flash point in deg cel	(-) 11
Distillation range in deg cel	80 ± 1
Purity (%)	99.9min
Colour (APHA)	10 Max

For further information please visit <http://www.asia-petrochem.com> or send an enquiry to [info@asia-petrochem.com](mailto:info@asia-petrochem.com)

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