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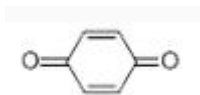
## Technical Data Sheet

# Para-Benzoquinone

### Product Information

Chemical Name Para-Benzoquinone

Chemical structure



CAS # 106-51-4

EINECS 203-405-2

Formula C<sub>6</sub>H<sub>4</sub>O<sub>2</sub>

Molecular Weight 108.09

Synonyms 1,4-Benzochinon; P-Benzoquine; 1,4-Cyclohexadiene dioxide; 1,4-Cyclohexadienedione;

### Description

Yellow crystal powder. flammable. Soluble in ethanol, ethyl ether and alkali, slightly soluble in water. Can be sublimated. The steam volatile, and part of the decomposition. Similar chlorine excitant odour.

### Physical Properties

Melting point 113-115 ° C (lit.)

Boiling point 293 ° C

Density 1.31

Vapor density 3.73 (vs air)

vapour pressure (25 °C) 0.1 mm Hg (25 °C)

Refractive index n<sub>20</sub> / D 1.453 (lit.)

Flash point 38 ° C

Storage conditions 2-8 ° C

Water solubility 10 g/L (25 °C)

Sensitivity Stable, but light sensitive. Incompatible with strong oxidizing agents. Flammable.

### Specification

P-Benzoquinone 99%Min.

<u>Item</u>	<u>Specifications</u>
Appearance	Yellow crystal powder
Assay,%	≥ 99.0
Melting point,°C	112.0-116.0
Ash,%	≤ 0.05
Loss on drying,%	≤ 0.5

### Applications

--- Used as the oxidizing agent, also used in organic synthesis

--- Used as dye and pharmaceutical intermediates, rubber protective agent, inhibitor, antioxidants, developer,etc

### Packaging

25kg fibre drum

Total 9 MT per 20ft container with pallets.Total 12 MT per 20ft container without pallets.

### Safety & Storage & Handling

Stable. **DOT Classification:** CLASS 6.1: Poisonous material.

Keep container dry. Keep container tightly closed, in a cool, well-ventilated area.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.