

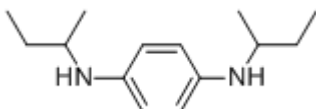
**Chemical Name:** N,N'-di-sec-butyl-1,4-phenylenediamine

**Type:** Chemical Auxiliary Agent

**CAS No.:** 101-96-2

**Molecular Weight:** 220.35

**Chemical formula:**



**Property:**

1) Red brown transparent liquid, Flash Point(NLT 94°C), Melting Point(14.1°C), Boiling Point(320 °C), Density(0.94).It is completely soluble in hydrocarbon oil, soluble in watery inorganic acid, and difficult to be soluble in watry alkali and water.

2) It is stable at the normal temperature and pressure and far away from acid and oxidization materials, and avoiding to exposed air and light.

3) Its decomposition is carbon oxide, carbon dioxide, Nitrogen oxide and nitrogen.

## Handling and Storage

**Handling:** All chemicals should be considered hazardous. Avoid direct physical contact. Use appropriate, approved safety equipment. Untrained individuals should not handle this chemical or its container. Handling should occur in a chemical fume hood.

**Storage:** Keep in a well ventilated area. Keep container tightly closed.

**Application:**

1) It is the amine antioxidant with excellent performance used in the petroleum with the free base and the desulfurization properties, especially for mineral oil, hydrogen oil, synthesis oil and the plant oil etc.

2) It is the high efficiency unglued antioxidant in petroleum, which is better than T-501; it is the good catalyzer in the desulfurization; and it is the usual antioxidant in the rubber, used at room temperature to 125°C.

THE REFERENCE DOSAGE IN OIL: 0.1-0.2%(V/V) .

**Package:** In iron drum, 188KG/drum.



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