



# Dalian Richfortune Chemicals Co., Ltd.

12A-11 Yangguang Shuma Building, 596 Huang Pu Road,  
DaLian, Liaoning 116023, China  
Tel: +86-411-84820922/84821539  
Fax: +86-411-84821380  
Website: [www.richfortunechem.com](http://www.richfortunechem.com)

## Product Name: Antioxidant 4720(44PD)

**Chemical Name:** N,N'-Di-sec-butyl-p-phenylenediamine

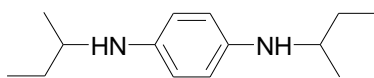
**CAS No:** 101-96-2

**Molecular Formula:** C<sub>14</sub>H<sub>24</sub>N<sub>2</sub>

**Molecular Weight:** 220.35

**Packaging:** 180kg Iron drum

**Structural Formula:**



## Specification

Item	Index
Appearance	Red or dark red liquid
Melting point °C	17.8
Boiling point °C / 7mmHg	159
Density g/mL at 20 °C	0.942
Refractive n <sub>20</sub> /D	1.539
Flash point °C	100

**Properties:** Red to dark red liquid, no special smell, stable under normal temperature and pressure.

Decomposition products: carbon monoxide, carbon dioxide, nitrogen oxides, nitrogen.

**Used:** Good performance of amine antioxidants. Excellent free radicals and the desulfurization performance. Widely used in mineral oil, hydrogenated oil, synthetic oil and vegetable oil, etc. This product usage small, anti-oxidation effect is good, greatly reduce the pollution of the environment. In



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In addition, this product can be used in natural rubber, synthetic rubber as universal antioxidant.

**Storage Notes:** Store under the condition of cold, dry, ventilated area, away from heat and the sun

light.