

## DIBUTYL PHTHALATE. DBP

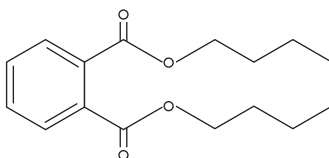
### Nomenclature

Di-n-Butyl Phthalate  
Butyl Phthalate  
1,2-Benzenedicarboxylic Acid Dibutyl Ester  
O-Benzene Dicarboxylic Acid Dibutyl Ester  
Phtalic Acid Dibutyl Ester

### Molecular Formula

$C_{16}H_{22}O_4$

### Structural Formula



### PROPERTIES

Appearance	Colorless Liquid
Smell	Slight aromatic odor
Molar Mass	278, 34 g.mol <sup>-1</sup>
Specific Gravity at 20°C	1.0459-1.0465 g.cm <sup>-3</sup>
Freezing Point	-35°C
Boiling Point	340°C
Flash Point	171°C
Viscosity	17 cps
Soluble in	2500 parts water, Alcohol, ether, acetone and benzene

Detailed technical data sheet is available upon request.

### DESCRIPTION

Di-Butyl Phthalate is an oily liquid used in general as a plasticizer in order to provide a certain flexibility and elasticity.

### APPLICATIONS

- Used in adhesives industry to plasticize PVA emulsion
- Solvent for oil soluble dyes, insecticides peroxides and other organic compounds
- Used as an anti foam agent in certain industries
- In coating industry DBP is used as a plasticizer and solvent for nitrocellulose lacquers
- Plasticizer in plastic and rubber industry

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