

# Dibutyl Phthalate



Plasticiser DBP

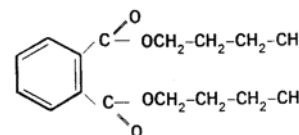
PRODUCT OF THE UKRAINE

This product is from a Valetime Integrated Source

## DETAILS

CAS	84-74-2 (Chemical Abstract Registry Number)
EC-Number	201-557-4
Chemical Name	Dibutyl Phthalate
Synonyms	Plasticiser DBP, Di-(n-butyl-ether)-ortho-phthalic acid, 1,2-Benzenedicarboxylic acid, dibutyl ester, o-Benzenedicarboxylic acid, dibutyl ester, n-Butyl phthalate, Di-n-butyl phthalate, Dibutyl 1,2-benzenedicarboxylate, Phthalic acid dibutyl ester, Phtalate de dibutyle
Empirical Formula	C <sub>16</sub> H <sub>22</sub> O <sub>4</sub>
Structural Formula	CH <sub>3</sub> -(CH <sub>2</sub> ) <sub>2</sub> -CH <sub>2</sub> -O-(O=C)-C <sub>6</sub> H <sub>4</sub> -C(=O)-O-(CH <sub>2</sub> ) <sub>2</sub> -CH <sub>3</sub>

### Structure



## INFORMATION

Uses	Plasticization of vinyl resins and other kinds of polymers in production of cable flexible PVC, artificial leather, rubber products, polymeric building materials, linoleum, film and sheet / plate materials, packing films, PVC gaskets, etc.  <i>Used primarily as a plasticizer for nitrocellulose, polyvinyl acetate and polyvinyl chloride; used in plastisol formulations for carpet back coating and other vinyl compounds; in the manufacture of various paints, varnishes and lacquers, medical supplies (such as transfusion and dental materials), safety glasses for automobiles, plastic food wrap, cosmetics, such as nail polishes and paper coatings; textile lubricant agent; insect repellent for impregnation of clothing; concrete additive; solvent for perfume oils; perfume fixative; stabilizer in rocket propellants; solvent for chlorinated rubber and resins; in adhesives; in printing inks; desensitizing agent for nitroglycerin; reaction media for chemical reactions.(5,23,25)</i>
Appearance & Colour	Colourless to faint yellow, oily, viscous liquid; odourless or slight aromatic, ester odour.
Packing	Large bottles, drums of aluminium, steel railway tank cars and road tankers, steel drums and cans.

## SPECIFICATION

Specification	
Hazen Colour (Co-Pt scale), max	50
Density at 20°C, g/cm <sup>3</sup>	1.045 – 1.049
Acid number, mg KOH/g max	0.10
Flash point, °C min	168
Saponification value, mg KOH/g	399-407

### Disclaimer for Specifications

Every effort is made to ensure that technical specifications are accurate. However, technical specifications included herein should be used as a guideline only and not construed as commitment by any company within or supported by the VALETIME Group. All specifications are subject to change without notice.



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