

## DBP ( Di Butyl Phthalate )

### Description/Applications

It is a plasticizer of high solvactant power, soluble in most of the organic solvents, oils and resins. It has good stability to light and heat and low solubility in water. It is used in the production of nitrocellulose, polyvinyl acetate, paints and adhesives, nitrile and chlorinated rubbers, lacquers and phenolic, alkyd, styrene and other resins. It is also used for grinding pigments, perfumes-fixing, artificial leather, textile lubricant and paper-sizing.

Specifications	Unit	Values
Ester content	% CG	99.0 min.
Color	Pt / Co	30 max.
Density , 20/4 °C		1.042 – 1.050
Free Acidity	mg KOH / g	0.05 max.
Water	% Weight	0.10 max.

- This product is guaranteed since it is stored and packaged as described below.

Physical Properties	Unit	Values
Chemical formula		$C_{16}H_{22}O_4$
Molecular weight		278
Refractive index, 25 °C		$1.491 \pm 0.002$
Flash point	°C	171
Viscosity, 25 °C	cP	20.3
Physical state		Liquid

- The properties' values above are just for reference, and not to be considered as guaranteed parameters.

### PACKAGING :

**Bulk** : in stainless steel tank cars.

**Packed**: drum, net weight 200 kg. Miniteps , net weight , 1,000 Kg .

### STORAGE :

**Bulk** : in tank cars made of stainless steel, aluminum or strength plastic, closed and provided with air escapes.

**Packed**: in steel carbon tanks, closed with vents to avoid humidity. Drums have to be stored in covered, dry and aired area, protected from solar rays. Drums storage can be either horizontal or vertical (with the mouths directed toward top), on plain floor, with the use of adequate supports.