

DIBUTYLPHTHALATE (DBP)

GENERAL DESCRIPTION:

DBP is a clear colourless or slightly yellowish viscous liquid with no mechanical impurities.
Chemical name: dibutylester of phthalic acid

Chemical Formula: $C_6H_4(COOC_4H_9)_2$

CAS No: 84-74-2

ES (EINECS): 201-557-4

UN No: 3082

TECHNICAL SPECIFICATION:

Technical Data	M.U.	Values	Testing Method
Appearance	-	clear	visual
Isomers content (DOA), min.	%	99	-
Density (at 20 ⁰ C)	kg/m ³	1045-1047	DIN 51 757/94
Colour	Hazen units	max. 30	DIN ISO 6271/88
Acidity number	mg KOH/g	Max. 0.15	DIN 53402/90
Saponification		Min. 400	DIN 53401/88
Viscosity at 20 ⁰ C	mPa.s	11-15	DIN53015/78
Vaporability	%	max. 2	2hrs/160 ⁰ C
Flash point	⁰ C	min. 160	DIN ISO 2592/81
Volatility	%	max 0,5	6 hrs/100 ⁰ C

APPLICATIONS:

Dibutylphthalate is used as a plasticizer in the plastic processing, in the paint and varnishes industry and in compounding flavours and adhesives.

PACKAGING-STORAGE:

It is transported in stainless steel tankers, provided by either the beneficiary or the supplier. The product should be stored in clean, dry and tightly sealed reservoirs, in order to avoid contamination with dirt and moisture.

SAFETY MEASURES:

Diocetylphthalate is a toxic product. Before handling and using this product, the personnel should be acquainted with hazards incurred.