

DIOCTYLADIPATE (DOA)

GENERAL DESCRIPTION:

It is a clear colourless or slightly yellowish viscous liquid.

Chemical name: Adipic acid di(2-ethylhexyl)ester.

CAS: 103-23-1

ES (EINECS): 203-090-1

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	920-930	DIN 51 757/94
Colour	Hazen units	max. 50	DIN ISO 6271/88
Acidity number	mg KOH/g	Max. 0.08	DIN 53402/90
Viscosity at 20 ⁰ C	mPa.s	11-15	DIN53015/78
Vaporability	%	max. 1.2	2hrs/160dg C
Flash point	dg C	min. 195	DIN ISO 2592/81

APPLICATIONS:

Diocyladipate is a plasticizer for the plastics industry. It is used for the production of foils, coating plastisol materials, production of footwear and hoses.

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:

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