

DI-OCTYL-TEREPHTHALATE

Last revision 2011

Chemical Name: Molecular formula: C₂₄H₃₈O₄
 No.CAS: 6422-86-2
 Abbreviation: DOTP

General Description:

Di-octyl-terephthalate is a slightly coloured liquid, with a characteristic odor. It is flammable; it forms explosive mixtures with air. The product is stable under normal storage and usage, in tightly sealed containers.

Technical Quality Conditions:

Characteristics	MU	Limits	Test methods
Appearance	-	clear	visual
Isomers of Di-octyl-terephthalate, min.	%	99.5	ASTM D 3465
Acidity (Terephthalic Acid), max.	%	0.03	ASTM D 1045
Color, max.	Hazen units	100	SR ISO 2211
Water (Karl Fisher), max.	%	0.1	ASTM E 203
Volatile substances (3 hours at 125 ^o C) max.	%	0.5	ILL 003/1-04-48

Specific Properties:

Density, g/cm ³	0.980
Ignition temperature, ^o C	~230

The values of these properties are approximated, and are only for general information and are not part of the technical quality conditions.

Main Applications:

Di-octyl-terephthalate is used as a plasticizer in the plastics industry.

Packing and storage:

Product is packed in stainless steel tanks, property of supplier or client.

It is stored in clean, dry, tightly sealed containers in order to avoid contamination and moisture infiltration.



Safety Considerations:

Before handling and using of product, the personnel must be aware of the dangers implied. This information is available in MSDS and on the product label.

Attention:

Please contact OLTCHIM to see if the document has been revised and for any other additional information related to the product.

Important:

For a better suitability of the product for your particular purpose, tests are recommended prior product use. You are advised to make your own determination as to safety, appropriate manner of handling, storage, use and disposal. All the information contained in this product technical sheet is offered for your consideration, investigation and verification. The data is presented in good faith and is believed to be reliable. You should not consider the descriptions, information, data or design as a part of our terms and conditions of sale. We expressly disclaim responsibility or liability for any loss, damage or expense arising out of reliance on the information provided herein.