

Diethyl terephthalate (CAS 6422-86-2) Market Research Report 2025

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Abstracts

Diethyl terephthalate (CAS 6422-86-2) Market Research Report 2025 presents comprehensive data on Diethyl terephthalate markets globally and regionally (Europe, Asia, North America etc.)

The report includes Diethyl terephthalate description, covers its application areas and related patterns. It overviews Diethyl terephthalate market, names Diethyl terephthalate producers and indicates its suppliers.

Besides, the report provides Diethyl terephthalate prices in regional markets.

In addition to the above the report determines Diethyl terephthalate consumers in the market.

BAC Reports offers its clients in-depth market research of chemical industry products on the global and regional markets (North & Latin America, Asia Pacific, European Union, Russia and CIS).

We can analyze the following elements for each chemical product in any country or region:

capacities and production

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existing technologies

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market news digest

market forecast.

Diocetyl terephthalate (CAS 6422-86-2) Market Research Report 2025 can feature:

market condition and estimations, market forecast

chemical product ranges, trademarks, analogous products, application areas

regional and global producers, consumers and traders (including contact details).

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About

Product Name:	Diethyl terephthalate
Synonyms:	Bis(2-ethylhexyl) benzene-1,4-dicarboxylate DOTP 2-Ethylhexyl terephthalate Bis-(2-ethylhexyl)-terephthalate p-Benzenedicarboxylic acid bis-(2-ethylhexyl)-ester Terephthalic acid bis-(2-ethylhexyl)-ester
CAS#:	6422-86-2
Formula:	$C_{24}H_{38}O_4$
Molecular Weight:	390.56
Appearance:	Viscous, colorless liquid.
Usage:	Softener for nitrile-butadiene & chloroprene rubber.

DOTP, or diethyl terephthalate (bis(2-ethylhexyl) terephthalate, di(ethylhexyl) terephthalate, etc.) is an organic compound with the molecular formula $C_{24}H_{38}O_4$. DOTP is a clear colorless viscous and odorless liquid with a bitter taste. Its boiling point is 400°C. The chemical is almost insoluble in water but soluble in acetone, ethanol, aromatic hydrocarbons.

DOTP shows heat and cold resistance, low volatility (DOTP can completely satisfy cable heat resistance level requirement), and good softness.

Diethyl terephthalate is the main PVC plasticizer used in heat-resistant cable material and other PVC soft products.

DOTP is applied in different industries mainly for cables, wires, freezers, doors and windows, PVC leather and floor, pipes production. Besides, it is the raw material for acrylonitrile derivatives, poly (vinyl alcohol) shrinkage, aldehydes, butyl rubber.

DOTP poses few health effects due to its comparatively low toxicity.

The chemical is mildly irritating to eyes. DOTP poses little to no skin effect and low probability of inhalation due to low vapour pressure and high viscosity of DOTP.

DOTP market is covered in the study DOTP (CAS 6422-86-2) Market Research Report 2013. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks DOTP market situation, names manufacturers, suppliers as well as users. The report also provides current DOTP prices in the market.

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