

Speciality Purpose Plasticizer

# Med-X

Medical Grade DEHP



**REACH**  
**✓ RoHS**

ISO9001  
ISO14001  
ISO45001  
ISO50001

REGISTERED

## Product Features

- **Med-X** is designed to fulfill the stringent requirements for medical products.
- **Med-X** production process is carefully controlled down to every parameter to arrive at a product providing superior quality.

## Specification

**Chemical Nature:** Bis(2-Ethylhexyl) Phthalate

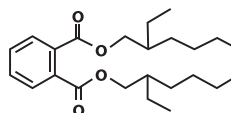
**Abbreviation:** DOP / DEHP (Medical Grade)

**CAS No:** 117-81-7

**Molecular Weight:** 390,56

**Formula:** C<sub>24</sub>H<sub>38</sub>O<sub>4</sub>

**Molecular Structure:**



Property	Test Method	Value
Physical State	-	Liquid
Appearance	-	Transparent
Density (20°C, g/cm <sup>3</sup> )	ASTM D 1045	0,980-0,984
Ester Content (%)	GC-Home Method	≥ 99,5
2-Ethyl Hexanol Content (ppm)	GC-Home Method	<10
Refractive Index (20°C)	ASTM D 1045	1,4825-1,4865
Viscosity (20°C,cP)	ASTM D 1045	76-84
Flash Point (Open Cup, °C)	ASTM D 92	≥ 205
Water Content (%)	ASTM D 1364-02	≤ 0,03
Water Solubility (20°C g/L)	-	≤ 0,003
Acidity (mg KOH/g)	ASTM D 1045	≤ 0,04
Color (Pt-Co)	ASTM D 1209	≤ 20

**Med-X** is an extra high purity low volatile plasticizer. It is resistant to heat, UV and offers good processing parameters.

**Med-X** features superior resistance to hydrolysis and exhibits blood preservation properties.

## Certificates

**Med-X** complies with **REACH**.

The product is registered under the **REACH Regulation (EC) No. 1907/2006** through our Only Representative, RGS, for Bis(2-ethylhexyl) phthalate, with a tonnage **band of 1000+ tonnes/year**.

## Worldwide Delivery

