

Chemical Nature:

Bis(2-Ethylhexyl) Phthalate

Abbreviation:

DOP / DEHP (Medical Grade)

CAS No:

117-81-7

Shipping name:

Not applicable

(not regulated by RID/ADR)

Molecular Weight:

390,56

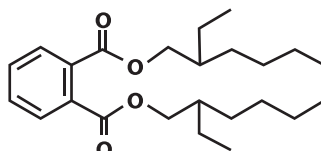
Formula:
 $C_{24}H_{38}O_4$
Disclaimer

Always follow
Safety Data Sheet and Technical
Data Sheet when handling the
product to avoid warranty void.

Med-X

Dioctyl Phthalate

MED-X, is an organic compound, an ester of 2-Ethylhexanol and Phthalic anhydride designed for use in medical devices, primarily bloodbags.

Molecular Structure:

Product Specification:

Property	Test Method	Value
Physical State	-	Liquid
Appearance	-	Transparent
Density (20°C, g/cm ³)	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

Safety

Med-X does not require special handling. Handle in accordance with good industrial hygiene and safety practices. Avoid eye contact by wearing personal protective equipment. If eye contact occurs, wash with flowing water and contact physician. Avoid repeated or prolonged skin contact. Avoid breathing vapors by providing adequate ventilation. Always refer to the Safety Data Sheet (SDS) for detailed information on safety.

Storage and Handling

Med-X can be stored for two year at temperatures below 40°C, if moisture is excluded. **Med-X** can be stored indoor and outdoor in designated containers/tanks. Please ensure proper ventilation, protect against accumulation of static electricity, keep away from ignition sources.

Packaging

Med-X is available in Isotanks, Flexitanks (flexibags), IBCs, trucks (road tank containers). Further packaging available upon enquiry. **Med-X** cannot be transported with strong oxidizers or alkalis. Please consult Plastay staff for further information. **Med-X** is not considered dangerous product in accordance with RID/ADR European regulation.


Information on international certification and registration:

Med-X is REACH registered.
Med-X is compliant with applicable
EU and US regulation towards
medical devices.

plastay.com/en/quality-document