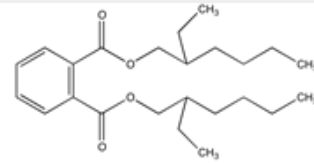


**Identification**

C<sub>24</sub>H<sub>38</sub>O<sub>4</sub>  
M = 390,57 g/mol  
CAS [117-81-7]  
EC number: 204-211-0  
Taric code: 2917 34 00

**Synonyms**

Di-(2-ethylhexyl) phthalate, Dioctyl phthalate, Diisooctyl phthalate, Phthalic acid bis(2-ethylhexyl) ester, DOP

**Applications**

analytical chemistry, synthesis of organic products.

**Specifications**

assay (G.C.).....	min. 98 %	density (20°/4°).....	0,983 - 0,985
identity (IR-spectrum).....	passes test	residue on ignition.....	max. 0,01 %

**Physical data**

- Density: 0,98 g/cm<sup>3</sup>
- Solub. in water: (20 °C): < 0,1 g/l
- Melting point: ~ -50 °C
- Boiling point: (5 hPa) 220 - 225 °C
- Flash point: 200 °C
- Ignition temperature: ~ 400 °C
- Vapour pressure: (20 °C) < 0,01 hPa
- Refraction index: (n 20 °C/D) 1,4862
- Expl. limit (upper): 0,2 Vol%
- Expl. limit (lower): 0,1 Vol%
- pH(H<sub>2</sub>O, 20 °C) 7

**Safety - GHS**

Signal Word: Danger

**Hazard Statements:**

H360FD: May damage fertility. May damage the unborn child.

**Precautionary Statements:**

- P280: Wear protective gloves / protective clothing / eye protection / face protection.
- P202: Do not handle until all safety precautions have been read and understood.
- P308+P313: IF exposed or concerned: Get medical advice / attention.
- P405: Store locked up.
- P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- 10°C - 30°C