

Diethylhexyl Phthalate



Extra Grade

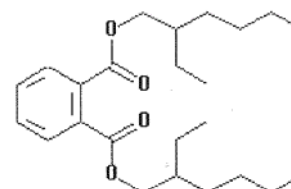
PRODUCT OF THE UKRAINE

This product is from a Valetime Integrated Source

DETAILS

CAS	117-81-7 (Chemical Abstract Registry Number)
EC-Number	204-211-0
Chemical Name	Di-(2-ethylhexyl) phthalate
Synonyms	DOP, bis-(2-ethylhexyl) phthalate, phthalic acid bis(2-ethylhexyl) ester, 1,2-benzenecarboxylic acid dioctyl ester, DEHP, phthalic acid dioctyl ester, diethylhexyl phthalate.
Empirical Formula	C ₂₄ H ₃₈ O ₄
Structural Formula	C ₆ H ₄ (COOCH ₂ CH(C ₂ H ₅)C ₄ H ₉) ₂

Structure



INFORMATION

Uses	Plasticizer for PVC and other resins. Flexible PVC industry – flooring, wire & cables, shoes, cars, pipe, tubes, profiles. Liquid used in vacuum pumps. Dielectric fluid. Permitted component in food packaging material.
Appearance & Colour	Viscous liquid, colourless or slightly yellow, with characteristic odour
Packing	DOP is shipped in bulk in steel rail tanks, road tankcars or in iron drums

SPECIFICATION

Specification	Extra Grade
Colority, pt-Co scale, Hazen units, not more	40
Density at 20°C, kg/m ³	982-986
Acid value, mg KOH/g, not more	0,07
Saponification value, mg KOH/g	284-290
Flash point, °C, not less	205
Volume resistivity, Ohm.m, not less	1.10 ⁹
Mass content of volatile matter, %	0.1
Boiling point, °C	386
Melting point, °C	-50

SAFETY

UN Number	3082
ARD / RID	9
Risk phrases	60-61
Safety phrases	53-45

Disclaimer for Specifications

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